NEW PLASTICS ECONOMY GLOBAL COMMITMENT

SPRING 2019 REPORT
MARCH 13, 2019

NEW PLASTICS ECONOMY

Global Commitment

UN environment
United Nations Environment Programme

Disclaimer

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Where a signatory has not provided its commitment information within the timeframes requested by the Ellen MacArthur Foundation, its Individual Commitment page is not included. This version of the Spring 2019 Report was completed on March 13th 2019. A small number of signatories that joined the Global Commitment shortly before this date do not have an Individual Commitments page included in this report yet.

If you are a signatory and you believe there has been an error in the reproduction of the information provided to us by your organisation, please contact us at global.commitment@ellenmacarthurfoundation.org as soon as possible so that we can update our records.

INTRODUCTION

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Introduction to the New Plastics Economy Global Commitment

The New Plastics Economy Global Commitment unites businesses, governments, and other organisations behind a common vision and targets to address plastic waste and pollution at its source. It is led by the Ellen MacArthur Foundation in collaboration with UN Environment.

Launched in October 2018, the Global Commitment already unites more than **350** organisations on its common vision of a circular economy for plastics, keeping plastics in the economy and out of the ocean. Signatories include:

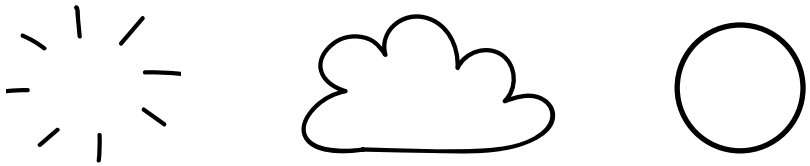
- More than **150** businesses that are part of the plastic packaging value chain, jointly representing over **20%** of all plastic packaging used globally, including many of the world's leading consumer packaged goods companies, retailers, and plastic packaging producers
- **16** governments across five continents and across national, regional, and city level
- **26** financial institutions with a combined **USD 4.2 trillion** worth of assets under management and **6** investors in total committing to invest about **USD 275 million**
- Leading institutions such as WWF, the World Economic Forum, the Consumer Goods Forum, and IUCN
- More than **50** academics, universities, and other educational or research organisations including MIT Environmental Solutions Initiative, Michigan State University, and University College London

All **350+** organisations have endorsed one common vision of a circular economy for plastics, in which plastics never become waste (see next page).

To help make this vision a reality, all business and government signatories to the Global Commitment are committing to a set of ambitious **2025** targets. They will work to **eliminate** the plastic items we don't need; **innovate** so all plastics we do need are designed to be safely reused, recycled, or composted; and **circulate** everything we use to keep it in the economy and out of the environment.

Credibility and transparency are ensured by setting a clear minimum level of ambition for signatories, common definitions underpinning all commitments, publication of commitments online and annual reporting on progress, with the first progress report to be published later in 2019. The minimum ambition level will be reviewed every **18 to 24 months**, and become increasingly ambitious over the coming years to ensure the Global Commitment continues to represent true leadership.

The Ellen MacArthur Foundation and UN Environment call on all businesses that make or use plastics, and all governments across the world, to sign up to the Global Commitment and join the more than **350** co-signatories in a 'race to the top' to create a circular economy for plastic.



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NEW PLASTICS ECONOMY Global Commitment

A common vision for a circular economy for plastics

Over 350 organisations have endorsed one common vision of a circular economy for plastics, where plastics never become waste. They recognise this vision offers a root cause solution to plastic pollution with profound economic, environmental, and societal benefits. For plastic packaging, specifically, this vision for a circular economy is defined by six characteristics:

1. Elimination of problematic or unnecessary plastic packaging through redesign, innovation, and new delivery models is a priority
   - A. Plastics bring many benefits. At the same time, there are some problematic items on the market that need to be eliminated to achieve a circular economy, and, sometimes, plastic packaging can be avoided altogether while maintaining utility
2. Reuse models are applied where relevant, reducing the need for single-use packaging
   - A. While improving recycling is crucial, we cannot recycle our way out of the plastics issues we currently face.
   - B. Wherever relevant, reuse business models should be explored as a preferred 'inner loop', reducing the need for single-use plastic packaging.
3. All plastic packaging is 100% reusable, recyclable, or compostable
   - A. This requires a combination of redesign and innovation in business models, materials, packaging design, and reprocessing technologies.
   - B. Compostable plastic packaging is not a blanket solution, but rather one for specific, targeted applications.
4. All plastic packaging is reused, recycled, or composted in practice
   - A. No plastics should end up in the environment. Landfill, incineration, and waste-to-energy are not part of the circular economy target state.
   - B. Businesses producing and/or selling packaging have a responsibility beyond the design and use of their packaging, which includes contributing towards it being collected and reused, recycled, or composted in practice.
   - C. Governments are essential in setting up effective collection infrastructure, facilitating the establishment of related self-sustaining funding mechanisms, and providing an enabling regulatory and policy landscape.
5. The use of plastics is fully decoupled from the consumption of finite resources
   - A. This decoupling should happen first and foremost through reducing the use of virgin plastics (by way of dematerialisation, reuse, and recycling).
   - B. Using recycled content is essential (where legally and technically possible) both to decouple from finite feedstocks and to stimulate demand for collection and recycling.
   - C. Over time, remaining virgin inputs (if any) should switch to renewable feedstocks where proven to be environmentally beneficial and to come from responsibly managed sources.
   - D. Over time, the production and recycling of plastics should be powered entirely by renewable energy.
6. All plastic packaging is free of hazardous chemicals, and the health, safety, and rights of all people involved are respected
   - A. The use of hazardous chemicals in packaging and its manufacturing and recycling processes should be eliminated (if not done yet).
   - B. It is essential to respect the health, safety, and rights of all people involved in all parts of the plastics system, and particularly to improve worker conditions in informal (waste picker) sectors.

This vision is the target state signatories work towards over time, acknowledging that realising it will require significant effort and investment, recognising the importance of taking a full life-cycle and systems perspective - aiming for better economic and environmental outcomes overall, and above all recognising the time to act is now.

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NEW PLASTICS ECONOMY Global Commitment

SUMMARY

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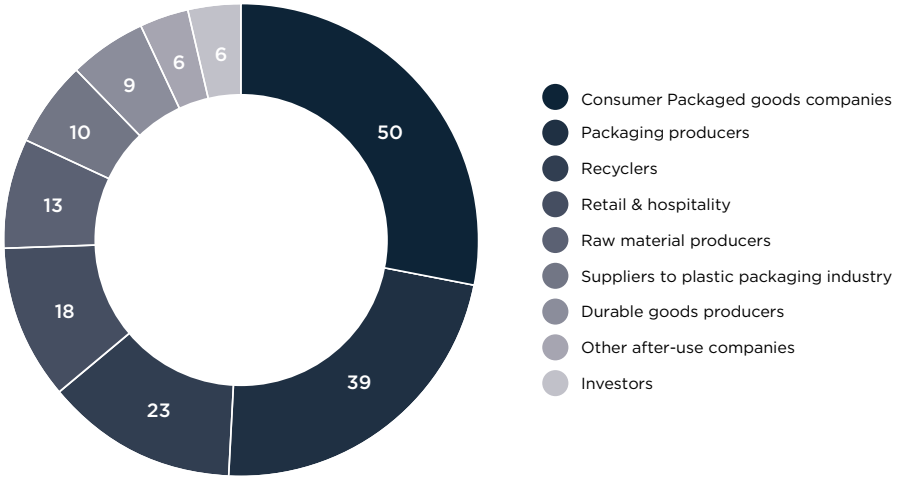
SUMMARY

Overview of business signatories (1/2)

- Businesses across the plastic packaging value chain have signed the Global Commitment, including many of the world's largest consumer packaged goods companies, retailers, and plastic packaging producers, as well as major material manufacturers, recyclers and after-use companies, durable goods companies, investors, and innovators
- The number of business signatories has grown from over **100 to more than 150** in the four months since the launch
- Business signatories together account for more than **20%** of global plastic packaging volumes
- Business signatories collectively have revenues in excess of **USD 2 trillion**
- Business signatories include many of the industry's top players, including (for more details see next page):
  - **6 of the top 10** global fast moving consumer goods (FMCG) companies - Nestlé, Pepsico, Unilever, The Coca-Cola Company, L'Oréal, and Mars, Incorporated[1]
  - **4 of the top 10** global plastic packaging producers - Amcor, Sealed Air Corporation, ALPLA Group, and Aptargroup Inc.[2]
  - **5 of the top 15** global retailers - Walmart Inc., Schwarz Group, Carrefour, Target, and Ahold Delhaize[3]
  - **Two of the world's largest** environmental services companies - Veolia and SUEZ
- **6** Investors have pledged a total of **USD 275 million** to business models, materials, technologies and other solutions that help realise the vision of the Global Commitment



Business signatories by category

[1] Source: Consultancy UK, 2018 https://www.consultancy.uk/news/18765/the-50-largest-fmcg-consumer-goods-companies-in-the-world. Includes Mars based on reported revenues
[2] Source: Citi GPS, *Global Perspectives and Solutions, Rethinking Single-Use Plastics: Responding to a Sea Change in Consumer Behavior,* 2018 https://www.citivelocity.com/citigps/rethinking-plastics/
[3] Source: https://www2.deloitte.com/content/dam/Deloitte/at/Documents/about-deloitte/global-powers-of-retailing-2018.pdf

Overview of business signatories (2/2)

Participation of the largest (by revenue) fast-moving consumer goods (FMCG) firms, plastic packaging producers, and retail companies in the Global Commitment.[1]

#	FMCG[2]
1	Nestlé
2	Procter & Gamble
3	PepsiCo
4	Unilever
5	AB Inbev
6	JBS
7	Tyson Foods
8	The Coca-Cola Company
9	L'Oréal
10	Mars, Incorporated[5]

#	Plastic Packaging[3]
1	Reynolds
2	Amcor
3	Berry Global
4	Sealed Air Corporation
5	RPC Group
6	Bemis
7	ALPLA Group
8	Interplast
9	Aptargroup Inc.
10	Silgan

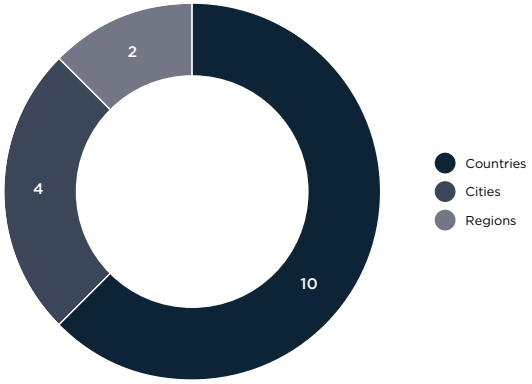
#	Retail[4]
1	WalMart Inc.
2	Costco
3	The Kroger Co.
4	Schwarz Group
5	Walgreens Boots Alliance
6	Amazon.com, Inc
7	Home Depot, Inc
8	Aldi
9	Carrefour
10	CVS Health
11	Tesco PLC
12	Aeon Co., Ltd
13	Target
14	Ahold Delhaize
15	Lowe's Companies, Inc.

■ Has signed the Global Commitment ☐ Has not signed the Global Commitment

[1] These rankings may vary over time and by source. This page is intended to provide a perspective on participation from major companies in the Global Commitment, and is not intended to emphasize the specific ranking or order of the included companies
[2] Source: Consultancy UK, 2018 https://www.consultancy.uk/news/18765/the-50-largest-fmcg-consumer-goods-companies-in-the-world
[3] Source: Citi GPS, *Global Perspectives and Solutions, Rethinking Single-Use Plastics: Responding to a Sea Change in Consumer Behavior,* 2018 https://www.citivelocity.com/citigps/rethinking-plastics/
[4] Source: https://www2.deloitte.com/content/dam/Deloitte/at/Documents/about-deloitte/global-powers-of-retailing-2018.pdf
[5] Mars included based on reported revenues (was excluded from source list)

Overview of government and endorsing signatories

Government signatories overview

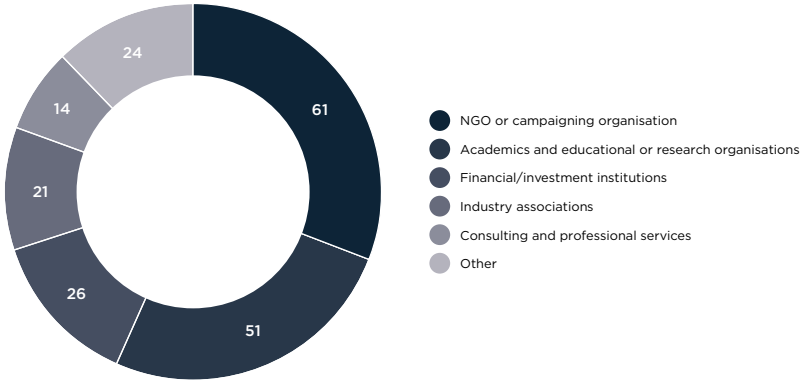


Government signatories by category

The government signatories comprises of **16** governments - at national, regional, and city level - across **five continents**[1]

France and the United Kingdom have each launched a national Plastics Pact, becoming part of a network of initiatives that bring together all key stakeholders at the national or regional level to implement solutions towards a circular economy for plastics[2]

Endorsing signatories overview



Endorsing signatories by category

In addition to the business and government signatories, nearly **200** other organisations have endorsed the Global Commitment, among them some of world's most influential institutions including WWF, the World Economic Forum, the Consumer Goods Forum (a CEO-led organisation representing some **400** retailers and manufacturers from **70** countries), C40, IUCN, and **50** universities, institutions, and academics

The vision is further supported by key influencers such as HSH Prince Albert II of Monaco, Frans Timmermans (First Vice President of the European Commission), Stella McCartney (Founder, Stella McCartney), Pavan Sukdhev (President, WWF International), and many more[3]

26 financial institutions jointly representing over **USD 4.2 trillion** assets under management endorsed the Global Commitment, including the European Investment Bank, BNP Paribas Asset Management, and Robeco.

[1] The detailed commitments of France and Copenhagen are still being finalised and will be published shortly
[2] For more information about Plastic Pact: https://newplasticseconomy.org/projects/plastics-pact
[3] The Global Commitment open letter can be read at: https://newplasticseconomy.org/about/open-letter

Key takeaways from published commitments (1/4)

Global Commitment signatories cover over 20% of the global plastic packaging market. We call on all businesses that make or use plastic and governments across the world to join the Global Commitment.

The Global Commitment now has over **350** signatories including over **150** businesses representing over **20%** of the global plastic packaging market. While many of these companies are part of the current plastics waste and pollution problem, by signing up to the Global Commitment and its associated requirements on ambition level and transparency, they have set out in a positive direction and are leaders in their peer group. We encourage all businesses around the world that make and use plastics to follow their lead and sign up to the Global Commitment, so that its ambitions truly become the industry's new normal.

Many of the world's leading fast moving consumer goods companies **(6 of the top 10)**, plastic packaging producers **(4 of the top 10)**, retailers **(5 of the top 15)**, and recyclers have signed up to the Global Commitment.

The step in the value chain currently least represented by the signatories to the Global Commitment is raw material producers. At the moment, Indorama and Borealis are the only two major plastic producers that have signed, both setting targets to significantly increase the inclusion of recycled content in their production processes. We call on plastics producers globally to join the Global Commitment and become part of an economy based on the circulation, rather than continued extraction, of raw materials – a **USD 55 billion** opportunity for the chemicals industry according to McKinsey & Company.[1]

Similarly, we call on hospitality and food service companies such as take-away food chains, hotels, and airlines to join the Global Commitment and embark on a journey towards a circular economy for plastics. These industries represent significant volumes of single-use plastic packaging and are currently underrepresented in the Global Commitment.

The **16** signatory governments to the Global Commitment (**10** national governments, **2** regional government and **4** cities) are frontrunners, implementing comprehensive packages that include actions on procurement, elimination and bans, incentives towards more recycled content, building infrastructure and collaboration towards national implementation schemes. We encourage governments at all levels and from across the world to join the Global Commitment.

[1] McKinsey & Company, *No time to waste: What plastics recycling could offer*, 2018

Key takeaways from published commitments (2/4)

The Global Commitment provides unprecedented levels of transparency on plastics.

In this report, for the first time, over **150** businesses across the value chain disclose targets to help build a circular economy for plastics, and action plans to reach them, based on a common commitment framework, using common definitions, and working towards a common vision. In autumn this year – and every year thereafter until **2025** – this forward-looking view will be complemented by an update on progress towards realising the targets.

In addition, in this report, **35**[1] companies publicly disclose their annual volumes of plastic packaging production and use. This group has a combined 8 million tonnes of annual plastic packaging use, and includes major consumer packaged goods companies and retailers such as Carrefour, Colgate Palmolive, Danone, MARS, Nestlé, SC Johnson, The Coca-Cola Company, and Unilever. Many of these companies are publishing this information for the first time. This is an important step forward to create transparency. We applaud the companies that are publishing this data, and encourage all other companies that make and use plastics to follow their lead.

Some companies, such as Danone, have gone one step further by not just reporting their total volumes of plastic packaging used but also publishing a split by material and packaging type. We encourage all businesses that make and use plastics to provide full transparency on their plastics footprint, including, for example, total tonnage, number of items, and breakdown by geography and packaging format and material type.

Industry commitments and plans represent real progress on recycling.

All consumer packaged goods, retail, and packaging producing signatories, **107** in total, have now committed to making **100%** of their plastic packaging reusable, recyclable, or compostable by **2025**.

Consumer packaged goods and retailers have committed to an average of **25%** recycled content in plastic packaging by **2025**, roughly tenfold the estimated current global average.[2] Some signatories have much higher **2025** targets, such as: Werner & Mertz, POSITIV.A, and IWC Schaffhausen **(100%)**; The Bio-D Company Ltd **(75%)**; Diageo and L'Occitane en provence **(40%)**; and L'Oreal, M&S, Paccor, and Sealed Air **(30%)**.

Borealis and Indorama, both resin producers, are industry leaders for committing to shift their existing business model, based on extracted and virgin materials, to one based on circulation of materials, by starting to set concrete recycled content targets.

Together, the recycled content targets from consumer packaged goods companies, retailers, and packaging producers amount to a demand of **5 million** tonnes of recycled plastic by **2025**[2] - the biggest ever commitment to using recycled plastics for plastic packaging. This provides a clear demand signal for increased investment in high-quality recycling, which will help keep plastics in the economy and out of the ocean. Achieving these recycled content commitments will result in a significant reduction in virgin plastics production, as well as in a recurring annual saving of approximately **7 million** tonnes of CO_2 emissions – the equivalent of permanently taking about **1.5** million cars off the road.[3]

[1] This does not include collection, sorting & recycling companies, durable good producers or suppliers that have disclosed volumes
[2] Closed loop recycling for plastic packaging estimated at 2% (Source: Ellen MacArthur Foundation, *New Plastics Economy, Rethinking the Future* of Plastics, 2016).
[3] Based on an average net CO_2 saving from recycling plastic of 1.5 tonnes CO_2 equivalent per tonne (Sources: SUEZ website, www.suez.com, 2019; WRAP, *Realising the Value of Plastics*, Market Situation Report, 2007).

Key takeaways from published commitments (3/4)

While industry commitments show some progress on eliminating unnecessary and problematic plastics, and on innovating towards reuse models, much more needs to be done in these areas.

While improving recycling is crucial, we cannot recycle our way out of the plastics issues we currently face. Elimination of problematic or unnecessary plastic packaging through redesign, innovation, and new delivery models is a priority. Reuse models need to be applied where relevant, reducing the need for single-use packaging. All of this is an explicit part of the Global Commitment vision, endorsed by all **350+** signatories.

Current industry commitments reflect some progress in these areas:

- **Eliminate unnecessary and problematic items** - **16** businesses with more than **USD 550 billion** in combined annual revenues have already eliminated or set concrete timelines to phase out PVC in packaging. **12** companies have made commitments to phase out single use plastic straws. **14** brands and retailers including the world's largest fashion group (Inditex) and the world's fourth largest retailer (Schwarz Group), have taken or are planning to take concrete measures to eliminate or significantly reduce single-use carrier bags. Some companies such as Nestlé have published comprehensive plans to eliminate problematic plastics from their packaging mix.
- **Innovate from single-use towards reuse packaging models** - at least **40** brands and retailers will pilot or expand reuse and refill schemes. At least **10** signatories have committed to deliver reuse and refill trials through TerraCycle's Loop platform. Some signatories are investing in new delivery models at scale, for example PepsiCo, which has acquired Sodastream for **USD 3.2 billion**.

Overall, however, the ambition level on elimination and innovation towards new delivery models will have to be significantly raised going forward in order to make a real dent in plastic waste and pollution by **2025**.

Key takeaways from published commitments (4/4)

We call on signatories to continue raising their ambition levels and to move from commitments to actions at scale.

The industry targets and action plans currently in the Global Commitment already represent a significant step forward compared to the pace of change over the past decades. However, they are still far from truly matching the scale of the problem, particularly when it comes to elimination of unnecessary items and innovation from single-use towards reuse models. The ambition level of commitments will need to continue to be increased to make real strides in addressing global plastic pollution by **2025**.

In addition, moving from commitment to action is crucial. Many signatories have now translated or are translating their commitments into (initial) action plans and roadmaps. This is crucial. Major investments, innovations, and transformation programmes need to be started now to realise impact by **2025**. In autumn this year, and annually thereafter, we will report on the progress of signatories towards meeting their commitments.

Signatories are taking concerted action. For example, the World Economic Forum has created the Global Plastic Action Partnership initiative, and France and the United Kingdom have developed national Plastic Pacts, which bring together key stakeholders, both public and private, to implement solutions towards a circular economy for plastics.

Financial institutions with USD 4.2 trillion worth of assets under management have signed up to the Global Commitment. They can play an important role in accelerating the transition.

Reaching the targets set out in the Global Commitment will require significant public and private investments in areas including: innovation for new business models packaging design and materials; changes to production lines; and collection and recycling infrastructure. Conversations with signatories suggest that realising the industry targets currently set out already entails a multi-billion dollar joint investment commitment.

Participation of financial institutions to help finance the transition to a circular economy for plastics is therefore crucial, and we welcome the **26** financial institutions with **USD 4.2 trillion** worth of assets under management who have signed up to the Global Commitment, as well as **6** investors who have pledged a total of **USD 275 million** to business models, materials, technologies, and other solutions that help realise the vision of the Global Commitment.

We call on all financial institutions and investors to join the Global Commitment and endorse the common vision, to support signatories in meeting their commitments, to encourage businesses who are not yet signatories to sign up, and to use the Global commitment as a framework to discuss with businesses ambition levels and progress.

INDIVIDUAL COMMITMENTS

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READING GUIDE

Reading guide

The following pages provide details of targets and actions by signatories, organised into the following categories:

A. Business signatories

- A.1 Packaged goods companies
  - A.1.a Above USD 10bn annual revenues
  - A.1.b Below USD 10bn annual revenues
- A.2 Retail & hospitality companies
  - A.2.a Above USD 1bn annual revenues
  - A.2.b Below USD 1bn annual revenues
- A.3 Packaging producers
  - A.3.a Above USD 1bn annual revenues
  - A.3.b Below USD 1bn annual revenues
- A.4 Raw material producers
  - A.4.a Raw material producers - non-compostable plastics
  - A.4.b Raw material producers - compostable plastics
- A.5 Collection, sorting & recycling industry
- A.6 Durable goods producers
- A.7 Suppliers to the plastic packaging industry
- A.8 Investors

B. Government signatories

C. Endorsing signatories

- Each category section is preceded with the compulsory commitments (the 'minimum bar') that all signatories in this category have signed up to
- In categories A.1, A.2, A.3, and A.5 the companies are organised in two groups, based on revenue data that is publicly available. Within each group the companies are ranked alphabetically. In categories A.1 and A.5 signatories are split into two groups: those with annual revenues above USD 10bn, and those below. For categories A.2 and A.3 a similar split is made around annual revenues of USD 1bn
- For all other categories (A.4, A.6, A.7, and A.8), the signatories are organised alphabetically, independent of annual revenues
- All content on Individual Commitment pages that follow is self-reported and not audited. See disclaimer at the front of the document for more details
- The commitments of newly joined business signatories Apple, Archemics, Carbiolice, FrieslandCampina Nederland B.V., Natura Cosmetics, RecycleGo, and government signatories France and Copenhagen are not included in the March 13th version of this report.
- Immediately following this page is an index of signatories of the Global Commitment whose detailed commitments are included in this report, listed by category

A.1 Packaged goods companies

A.2 Retail & hospitality companies

A.3 Packaging producers

A.3.a More than USD 1 billion annual revenue	
Name	**Page**
ALBEA	99
ALPLA Werke Alwin Lehner GmbH & Co KG	100
Amcor	101
AptarGroup Inc.	102
Arca Continental	103
Coca-Cola FEMSA	104
Constantia Flexibles	105
Greiner AG	106
Logoplaste	107
Mondi	108
Sealed Air Corporation	109
Swire Beverages Ltd	110
TC Transcontinental	111
Tetra Pak	112
ValGroup	113

A.3.b Less than USD 1 billion annual revenue	
Name	**Page**
Bell Holding	115
BioPak Pty Ltd	116
CupClub Limited	117
Custompak Plastic Products 1997 ltd	118
Detpak	119
Dynapack Asia	120
Envases Universales de México	121
EXCELRISE	122
Futamura Group	123
Greco & Guerreiro	124
Hi-Cone	125
Koepala Packaging Ltd.	126
Loliware	127
Matrix APA (UK) Ltd.	128
PACCOR packaging solutions	129
PT Evogaia Karya Indonesia	130
RePack	131
Replenish Bottling LLC	132
rPlanet Earth	133

A.3.b Less than USD 1 billion annual revenue	
Name	**Page**
Serioplast Global Services	134
Skipping Rocks Lab	135
SPB	136
Termoencogibles, SA de CV	137
The Better Packaging Co.	138

A.4 Raw material producers

A.5 Collection, sorting & recycling industry

A.6 Durable goods producers

A.7 Suppliers to the plastic packaging industry

SIGNATORIES INDEX

A.8 Investors

B. Governments signatories

A. BUSINESS SIGNATORIES

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A.1 PACKAGED GOODS COMPANIES

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Packaged goods company commitments

All packaged goods companies that are signatories to the Global Commitment:

1. Endorse the Global Commitment's common vision
2. Make the following individual commitments (where 2025 refers to December 31, 2025):
    a. Take action to eliminate problematic or unnecessary plastic packaging by 2025
    b. Take action to move from single-use towards reuse models where relevant by 2025
    c. 100% of plastic packaging to be reusable, recyclable, or compostable by 2025
    d. Set an ambitious 2025 post-consumer recycled content target across all plastic packaging used
3. Commit to collaborate towards increasing reuse/recycling/composting rates for plastics
4. Report annually and publicly on progress towards meeting these commitments, as well as on annual volumes (tonnes) of plastics production/use (the latter is used for aggregation purposes only, but individual public disclosure is encouraged).

Note: the commitments are the same for packaged goods companies, retailers, hospitality and food service companies, and packaging producers

A.1.A PACKAGED GOODS COMPANIES - ABOVE USD 10BN ANNUAL REVENUES

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PACKAGED GOODS COMPANY

Colgate-Palmolive Company

Plastic packaging volume: 287,008* metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Eliminate PVC in all packaging by end 2020
- Eliminate plastic bags used at all professional and recruiting conferences by 2020
- We will continue to concentrate product and reduce packaging required for all our products on a per-use basis
- Optimize packaging and reduce plastics in E-Commerce

Take action to move from single-use towards reuse models where relevant by 2025:

- Established a cross-functional team to develop a reuse/refill strategy by 3Q 2019
- Leverage increased conversion of existing refill packages through commercial activity
- Experiment with new models including concentrate refills, personalized packaging, and package optimization to drive increased use of new formats
    - Actively developing a new hybrid system approach to reusable/refillable packaging for a personal care product

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- >100 recyclability improvement projects in process to be implemented by 2020 (e.g. phase out opaque PET)
- Researching compostable materials and feasibility and suitability with our products where appropriate
- Developing a next generation toothpaste tube that will have a significantly improved sustainability profile
- Pre-competitive partnerships with suppliers and the CPG industry to encourage & identify packaging recycling innovation
- Communications to inform and educate about recycling

25% 2025 post-consumer recycled content target across all plastic packaging used:

- Our goal is to achieve 50% recycled content across all packaging in 2020 and 25% recycled content in plastic packaging by 2025
- Partner with Procurement to identify roadmap and quality purchasing streams, i.e. identifying and partnering with suppliers in different regions and testing materials
- Closed Loop Fund & Recycling Partnership to drive infrastructure to produce quality streams in North America

Additional commitments:

- Member of CEFLEX in the EU - creates guidelines and drives experiments for more sustainable flexible packaging
- Plans to join Asia-based plastic waste reduction initiatives
- Leading Consumer Goods Forum Task Force (Incentivizing Recycling) in the Plastics Waste Working Group

** Note on volume: 2018 data*

PACKAGED GOODS COMPANY

Danone S.A.

Plastic packaging volume: 750,000* metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We will phase out PVC in our packaging by 2021.
- We will assess alternatives to plastic straws, starting with a pilot project in our Indonesian brand AQUA in 2019.

Take action to move from single-use towards reuse models where relevant by 2025:

- Today, half of our water volumes are sold in reusable packaging. Our goal is to develop additional reuse or alternative delivery models where relevant by 2025. As part of this, we aim to launch alternatives to plastic or single-use plastic packaging in all our major water markets by 2025. For instance, Danone is piloting new returnable packaging models for evian, via TerraCycle's Loop project.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- As of 2018, 86% of our total packaging (77% of our plastic packaging) is reusable, recyclable or compostable. We are aiming to reach 100% by 2025.
- As part of this effort, we are collaborating to develop recycling streams for PS while exploring alternative packaging solutions in parallel.
- We are also innovating specific product lines to optimize recyclability:
    - In Indonesia, we launched a new AQUA water bottle line without labels, after an assessment revealing they were not being effectively recycled.
    - Our new Actimel black bottle uses special pigments that are near infrared-detectable, making them easy to sort and recycle.

25% 2025 post-consumer recycled content target across all plastic packaging used:

- We will launch 100% rPET bottles in all major water markets by 2021, building upon the Lanjaron Red (Spain) and AQUA (Indonesia) launches in 2018.
- Our goal will be to reach an average of 25% recycled material for all our plastic packaging by 2025, and an average of 50% recycled material for our water and beverage bottles. For evian, we will aim for 100% recycled PET by 2025.

Additional commitments:

We aim to offer consumers bottles made of 100% renewable plastic (bioPET) by 2025. We also want to ensure our packaging is recycled, reused or composted in practice. To achieve this:

- We will work to help meet or go beyond the collection targets set by regulators worldwide by proactively supporting the most modern and efficient formal collection and recycling systems. For example, we will pledge to help the EU reach at least 90% beverage bottles collection by 2025.
- we will step up our investment in private initiatives that strengthen collection and a circular infrastructure, especially in countries where formal systems are absent or in development, or where there is a high risk of leakage into the land or the oceans.
- By 2025, our goal is to have initiated or supported collection and recycling initiatives in each of our top 20 markets (by sales volume, representing around 90% of our total sales).
- Finally, we will sharpen our focus on consumer education in markets with a high risk of leakage.
- In Indonesia, for instance,; Danone AQUA is committed to leading a nationwide educational campaign on recycling, with dedicated programs in 20 major cities by 2020. To contribute to raising awareness, it aims to scale up the use of special drop-boxes for plastic bottles, to reach up to 100 million consumers by 2025.

** Note on volume: Approximate*

PACKAGED GOODS COMPANY

Diageo

Plastic packaging volume: **40,000** **metric tonnes**

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We commit to evaluate our portfolio and take action to eliminate problematic and unnecessary plastic packaging
- We have phased out single-use plastic straws and bottles.
- We will phase out plastic plates, cutlery, cups from offices and operations by end of 2019
- We will complete comprehensive screening our entire plastic packaging portfolio by end of 2019

Take action to move from single-use towards reuse models where relevant by 2025:

- We commit to continue to invest in circular economy opportunities and other sustainable packaging
- We will start to explore reusable packaging opportunities for off-trade and on-trade.
- We have stepped up our collaboration on plastics recycling in key markets (eg North America, Africa) to drive increased reuse and recycling

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We aim to ensure 100% of our plastic use is designed to be widely recyclable or reusable
- We are undertaking a full review of our plastics footprint to determine the components which are not reusable, recyclable, compostable – recognizing majority of our plastics volume is PET and fully recyclable.

40% 2025 post-consumer recycled content target across all plastic packaging used:

- We aim to achieve 40% average recycled content in our plastic bottles - and 100% by 2030.
- We are currently working with potential suppliers to increase recycled content - particularly in PET packaging focusing on markets with highest use

PACKAGED GOODS COMPANY

Essity AB

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

Essity's ambition is to provide better solutions with a 33% lower environmental footprint.

- Our innovation target supports our ambition and drives thinner products and compressed solutions that leads to improved and less packaging. We use Life Cycle Assessment (LCA) to evaluate the environmental and circularity impact of both product and packaging with focus on
- 21% less packaging for all TENA products in Europe since 2008
- 28% less packaging for all Tork hand towels in Europe since 2011

Take action to move from single-use towards reuse models where relevant by 2025:

- During 2019 and 2020 Essity will evaluate how reusability can be relevant and possible for our production and product packaging where we are not limited by hygiene and safety requirement due to high product safety standards within our industry

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

Essity works towards 100% recyclability of our packaging until 2025.

- The majority of our plastic packaging are made of polyethylene and polypropylene and we are reviewing our design to optimize recyclability further.
- And we will continuously support and encourage our customers and consumers to increase their recycling of packaging.

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

Essity aims to increase renewable and recycled plastics in our packaging.

- The share of renewable and recycled materials in packaging will be defined in May 2019 based on our current mapping for plastics that meets hygienic demands for hygiene and health products.

Additional commitments:

- You can read more about Essity's sustainability commitments and achievements on essity.com

PACKAGED GOODS COMPANY

H&M Group

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

By analyzing our entire assortment, we will set a baseline and to start measuring and take action against packaging that:

- Cannot be recycled, composted or has a high likelihood of being littered or ending up in the natural environment.
- Might affect the recycling process negative and/or
- Contain, or has a manufacturing process that requires, substances of concern.
- Do not contribute to the protection of the core product and that only contribute to improve the customer experience (unless the packaging is reusable).
- Does not comply with our RSL developed already 2009 where we, to mention an example, have a strict ban against PVC.

Take action to move from single-use towards reuse models where relevant by 2025:

- We offer reusable shopping-bags in our shops
- We are piloting reusable packaging for our e-commerce activities

Where relevant:

- Designing H&M's packaging for reuse and refill and/or purchasing reusable packaging.
- Create a circular flow for reusable and/or refill packaging.
- Move from single-use towards reuse models for packaging that is both consumer- and not consumer facing.
- Currently we are reviewing several models where packaging material can be reused.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Eliminating packaging that is not recyclable or compostable.
- Designing all packaging for recyclability and, where relevant, composability (still being a recyclable packaging) as well as by using recyclable materials.
- Compostable, non- recyclable packaging will only be used for specific targeted applications.
- Where relevant, the packaging will be designed for reusability.

25% 2025 post-consumer recycled content target across all plastic packaging used:

Additional commitments:

- For the H&M brand, we are shifting the shopping bag from plastic to paper. This will be fully implemented at all markets during 2019.
- During 2018/2019 we are working with the implementation of our Packaging strategy with all brands and functions within the group where clear goals and actions per packaging type will be set.

PACKAGED GOODS COMPANY

Henkel AG & Co. KGaA

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- There are substances of potential concern, like PVC, which are often criticized as packaging materials. Henkel began to remove and avoid the use of PVC in its packaging back in the 1990s. We continue to work toward our goal of fully eliminating PVC from our packaging materials and extend the scope to cover other substances of potential concern.
- We also aim to reduce the amount of packaging material where possible and do away with all packaging that is not absolutely essential.

Take action to move from single-use towards reuse models where relevant by 2025:

- An option to close the loop is to reuse packaging and explore refill solutions in relevant markets based on consumer acceptance, the related footprint and costs. This approach covers primary (product) packaging as well as secondary and tertiary packaging (the latter typically used for shelf display or logistical purposes), for which we want to maximize the re-usability of such packaging.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We are striving to make sure our packaging can be recycled after the product has been consumed. By systematically applying design-for-recycling principles we want to overcome recycling hurdles specific to each category, like flexible packaging, sleeved or black packaging.
- Adhesive products are excluded from this commitment, where product residues may affect recyclability or pollute recycling streams.

20% 2025 post-consumer recycled content target across all plastic packaging used:

- In order to recover as much existing material as possible, Henkel constantly works on increasing the share of recycled content in its packaging. We set ourselves the ambitious target to use 35 percent recycled plastic from pre- and post-consumer sources – with the vast majority coming from post-consumer sources - for all the plastic packaging of our consumer goods products in Europe by 2025.
- In line with the reporting requirements of the New Plastics Economy Global Commitment, this would correspond to 20 percent recycled plastic from post-consumer sources for all of our consumer goods products globally by 2025.

INDITEX

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We will screen our entire plastic packaging portfolio in 2019 and publish our roadmap towards the elimination of unnecessary plastic packaging.
- We will closely work with our plastic packaging suppliers to establish a certified system of approved packaging items and suppliers to avoid the use of unnecessary, toxic or non-recyclable plastic packaging (Plastic Green to Pack).
- We will eliminate the 100% of all single-use plastic outer bags that protect cardboard boxes from our online orders by 2020.
- We will try to replace the single-use plastic carrier bags from our stores with paper bags by 2020. Where this is not possible, bags shall contain post-consumer recycled content certified by third parties and be considered as reusable according to the EU Directive 2015/720

Take action to move from single-use towards reuse models where relevant by 2025:

- We will unify the material and type of our hangers (to improve traceability) and implement a return circuit.
- We will continue improving the implementation of the return circuit for our alarms.
- We will continue exploring further opportunities for reusable packaging across our entire portfolio.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We will establish viable recycling/reuse channels for headquarters, own factories, logistics centres and stores.
- We will identify the list of our packaging materials that are not reusable or recyclable and explore positive alternatives if available by 2020.

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

- We are currently working with our suppliers to increase the % of post-consumer recycled content in packaging across our portfolio, with the aim of setting a sufficiently ambitious target for 2025 by 2020.

PACKAGED GOODS COMPANY

Johnson and Johnson Consumer Inc.

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- 2019 ACTION: Complete an assessment of our portfolio and identify opportunities to eliminate problematic plastic packaging.

Take action to move from single-use towards reuse models where relevant by 2025:

- 2019 ACTION: Identify opportunities to expand existing refill models, and identify and evaluate new reuse opportunities.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- 2019 ACTION: Continue to advance the recyclability of plastic flexible films and plastic tubes through partnerships that advance infrastructure in North America. Select 2 new recyclable packaging design solutions for introduction by 2021.

TBD% **2025 post-consumer recycled content target across all plastic packaging used:**

- 2019 ACTION: By August 2019 complete an assessment and establish a 2025 target for PCR in plastic packaging.

PACKAGED GOODS COMPANY

Kellogg Company

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Sustainable Packaging is one of three pillars in our global packaging strategy. We are embedding efforts to eliminate unnecessary plastic packaging by 2025 through priority programs, partnerships with suppliers, and engagement with other companies in platforms such as Ellen MacArthur Foundation, the Consumer Goods Forum, and others to help accelerate transformational change for packaging materials.

Take action to move from single-use towards reuse models where relevant by 2025:

- Sustainable Packaging is one of three pillars in our global packaging strategy. We are embedding efforts to ensure single use packaging, which is critical to affordable nutrition in many markets where we operate, use recyclable or compostable packaging material which remains food safe and shelf-stable through priority programs, partnerships with suppliers, and engagement with other companies in platforms such as Ellen MacArthur Foundation, the Consumer Goods Forum, and others to help accelerate transformational change for packaging materials.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Plastic packaging we do use will be reusable, recyclable or compostable by 2025 through priority programs, partnerships with suppliers, and engagement with other companies in platforms such as Ellen MacArthur Foundation, the Consumer Goods Forum, and others to help accelerate transformational change for packaging materials.

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

- Sustainable Packaging is one of three pillars in our global packaging strategy. We are embedding efforts to increase the recycled content of plastic packaging by 2025 through priority programs, partnerships with suppliers, and engagement with other companies in platforms such as Ellen MacArthur Foundation, the Consumer Goods Forum, and others to help accelerate transformational change for packaging materials. We are still developing the appropriate tracking and reporting mechanisms internally and have not yet set a specific target for this aspect of our efforts, and will work with peers and partners like EMF to develop consistent measures.

Additional commitments:

- Kellogg Company is committed to working towards 100% reusable, recyclable or compostable packaging by the end of 2025. This builds on Kellogg's current sustainable packaging commitment, as part of our Sustainability 2020 goals, to continue sourcing 100% recycled or certified sustainably sourced timber-based packaging

PACKAGED GOODS COMPANY

L'Oréal

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Safe material use: no BPA, phthalates or heavy metals are used
- Eliminated PVC in 2018
- Ecodesign for new product (developed with SPOT methodology/tool)
- Restricted dimensions rules for packaging design
- Packaging light weighting in existing catalog
- Development of plastic-free packaging

Take action to move from single-use towards reuse models where relevant by 2025:

- L'Oréal already offers refillable or rechargeable packaging for a few products and aims to increase this offering going forward

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Eradication of all disruptive substances and materials in order to accelerate existing packaging recycling streams.
- L'Oréal started several partnerships with industrial organizations like SUEZ, specialized actors like TerraCycle, consortia like Biospeed or institutes like Fraunhofer Institute in order to develop new recycling streams and technologies.
- Information to consumers about 'recycling' behavior

30% 2025 post-consumer recycled content target across all plastic packaging used:

- Developed a packaging material strategy, which details the percentage of recycled and bio-sourced materials, per material by 2020, 2025 and 2030.
- 100% rPET and rPE (both food-grade PCR) packaging already available for some products
- L'Oréal has created a consortium with Carbios (Nov 2017) to perfect enzymatic biorecycling process and a partnership with Loop® to create virgin-quality recycled PET through chemical depolymerization.

Additional commitments:

- SPICE Initiative founded by L'Oréal (and Quantis), to share L'Oréal's proprietary SPOT-methodology with the industry to « collectively shape the future of sustainable packaging »

PACKAGED GOODS COMPANY

Mars, Incorporated

Plastic packaging volume: 129,000 metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Eliminate PVC from all packaging by 2020
- Engage in partnerships, such as Material Recovery of the Future to recycle problematic materials

Take action to move from single-use towards reuse models where relevant by 2025:

- Launch TerraCycle Loop pilot in 2019 in our Petcare segment

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Test the capability to make plastics out of pyrolysis feedstock in 2019
- For all markets using TerraCycle/Redcycle- assess how much of our packaging is collected in 2019

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

- In 2019, we will work across our business segments to set a recycled content target for secondary and tertiary packaging
- Explore the use of recycled content in our gum bottles in Europe
- Continue to evaluate and pilot pyrolysis as a pathway for use of post-consumer recycled content in our primary packaging. Test in the UK in 2019.

Additional commitments:

- We are mobilizing significant additional resources to support a new packaging sustainability strategy that will be launched later this year. The strategy will be data driven, anchored in uncommon collaboration and designed to support all aspects of the Global Commitment

PACKAGED GOODS COMPANY

Nestlé

Plastic packaging volume: 1,700,000 metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We have screened our entire packaging portfolio and published in January 2019 a list of problematic or unnecessary plastics, additives and accessories that we will stop using ("The Negative List"). Existing uses will be eliminated mostly over the period 2019-2022, and in total by 2024.
- In February 2019, we started to eliminate all plastic straws from our products, using alternative materials like paper as well as innovative designs to reduce littering.

Take action to move from single-use towards reuse models where relevant by 2025:

- In January 2019, we launched a reusable/refillable Häagen Dazs container in the US with TerraCycle/Loop. We are currently exploring other brands and countries where we could roll-out this system
- In 2018, we piloted an alternative portion system for individual sachets of powdered beverages across our food service channels, in Central & West Africa and Indonesia. We will complete the full global roll-out of this innovation by the end of 2019
- We are actively working to increase the proportion (currently 20%) of our water products that are sold in refillable formats
- We will increase reusable packaging in our supply chain, e.g. for pallets, bulk containers, and crates, and will report on progress on this annually
- We are funding a PhD student at the University of Cambridge, UK, to evaluate our entire portfolio and identify reuse/refill application opportunities

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

We will publish our *Nestlé Global Packaging Roadmap* in Q1 2019, which will outline our areas of focus and actions being taken to meet our commitments. These include:

- We have identified the 10 most challenging packaging formats in our portfolio and have defined individual category roadmaps to identify solutions for them by 2025
- We have published design for recycling golden rules for our packaging developers and suppliers, e.g simplification of our packaging
- We are developing alternatives to plastics where relevant. For Nesquik in Europe, we are launching a recyclable paper format in 2019. We are currently exploring how we can expand the roll-out of paper-based packaging formats to other brands and regions
- We are exploring opportunities for using compostable packaging across different categories
- We have announced the establishment of the Nestlé Institute of Packaging Sciences which will focus on achieving our commitments. It will be set up in 2019.

15% 2025 post-consumer recycled content target across all plastic packaging used:

- We aim to have 35 % recycled content in our PET water bottles by 2025.
- In the US, we have set ourselves the target of using 50% recycled PET in all our water bottles by 2025 (and are aiming for 25% by 2021)
- Across Europe, we aim to have a minimum of 25 % recycled content for polyolefin applications in non-food contact applications, and the maximum possible level for polyolefin food contact materials, in-line with food safety and compliance standards set by all applicable authorities including EFSA and FDA.

PepsiCo

Plastic packaging volume: NOT DISCLOSED*

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

Optimizing the design, size and weight of our packaging for the purpose of eliminating unnecessary plastic use and continuing to improve its recyclability.

- We will remove impediments to 100% recyclability of all beverage containers in widely available commercial infrastructure by 2025. Some impediments such as non-recyclable labels, colorants, and PVC have already been phased out of some markets
- We have mapped our product portfolio to identify all SKUs and formats using materials that are problematic for recycling and identified alternative materials to use in their place.
- We are rolling out 'right size' snack packages with an improved packaging technology, called rotary charge compaction, which uses less packaging material for the same volume of chips.

Take action to move from single-use towards reuse models where relevant by 2025:

Continue to develop our "beyond the bottle" beverage businesses, including Make My Own (MMO) and fountain-style businesses.

- In 2019 we completed the acquisition of Sodastream, an alternative delivery mechanism for sparkling water using reusable bottles, for 3.2 billion USD and we will continue to develop this business.
- We will implement a pilot with TerraCycle Loop in Paris by which consumers receive products in a reusable container that is then picked up and refilled.
- We will map our snack portfolio to identify opportunities to invest in reusable packaging opportunities.
- We are investing significant resources in developing new and reusable packaging solutions in our foods business.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

PepsiCo will strive to design 100 percent of our packaging to be recyclable, compostable or biodegradable by 2025.

- Flexible packaging is our main non-recyclable packaging type, and we have projects underway to design this packaging to fit current recycling infrastructure, utilize plastic alternatives, and compostable or biodegradable films.
- We have already launched pilots of industrially compostable chip bags in Chile, India, and with certain food service accounts in the United States; we plan to expand these pilots in the coming years.
- We are currently integrating design for recyclability into our ideation and design process for all new products through a business wide program.

25% 2025 post-consumer recycled content target across all plastic packaging used:

PepsiCo will strive to use 25% recycled plastic content by 2025, by collaborating with our suppliers, helping to increase consumer education, fostering cross-industry and public-private partnerships, and advocating for improved recycling infrastructure and regulatory reform.

- We are currently working to identify food grade rPET suppliers, including chemical recyclers and investment opportunities, such as our recent investment in Loop Industries to incorporate Loop PET plastic which is 100 percent recycled material into our packaging by early 2020.
- Our R&D department is conducting trials to update our specifications to allow for higher recycled content across our beverage portfolio.

Additional commitments:

*PepsiCo's sustainable plastics vision is to **build a world where plastics need never become waste**. We aim to achieve that vision by reducing, recycling and reusing, and reinventing our plastic packaging --- and leading change through partnerships alongside the PepsiCo Foundation, work to increase recycling rates by 2025.* We have launched the All in For Recycling challenge through The Recycling Partnership which the PepsiCo Foundation has provided with $10 million to help increase U.S. recycling rates.

- We joined Circulate Capital as a founding investor in 2018. Catalyzed by the PepsiCo Foundation's $15 million in early stage funding, Circulate Capital has raised more than $100 million to invest in infrastructure to prevent the flow of plastics into the world's oceans.
- In 2019 we will work to identify additional partnerships globally to improve access to collection bins, support the informal collection networks, improving and expanding consumer education, and supporting MRF technologies.

**Note on volume: PepsiCo intends to disclose plastic packaging volumes in June 2018 as part of its annual 2018 ESG reporting update*

PACKAGED GOODS COMPANY

Pernod Ricard

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

In January 2018, we banned plastic straws at all Pernod Ricard events. We have established a sustainable packaging taskforce in December 2018 to define our Group packaging ambitions to 2025:

- Ensuring that our primary and secondary packaging materials are fully recyclable, compostable, reusable or biosourced
- The packaging task force will lead to the publication of our Group Sustainable Packaging policy in S2 2019
- Committing to only use recycled or FSC/PEFC certified cardboard
- Point-of-Sale targets will be announced in 2019 including material use.

Take action to move from single-use towards reuse models where relevant by 2025:

- Since 2016, a Value Engineering project is running for primary and secondary packaging. This project focuses on reviewing each packaging restage on selected criteria, including weight. This resulted in significant decrease of packaging weight and removal of unnecessary items in our packaging.
- As part of our new S&R strategy, we will explore opportunities for reusable packaging across our entire portfolio
- In 2006, we introduced eco-design principles and will be deploying eco-design guidelines to all marketing teams throughout 2019. These eco-design guidelines cover: briefing agencies, procurement & packaging involvement, lifecycle assessment, communication, and, a breakdown per packaging type.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- As part of our 2020 Environmental Roadmap, our goal is to have 100% recyclable primary and secondary packaging. We are currently at 99% for all our packaging.
- In 2019, further action will be taken on non-recyclable or potentially disruptive packaging, looking at alternative solutions to reach the 100%.

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

- In April 2019, we will be announcing our ambitious recycled content targets on all our packaging, including plastic packaging.
- We are already making good progress on recycled content, for example, Absolut has increased the percentage of cullet in its glass bottles from 37% in 2016 to 43% in 2017, with increasing targets for 2019.
- Moreover, we are engaging in recycling schemes to increase recycling levels across markets where we are present, for example in Brazil we partner with the ‘Glass is Good’ association

Additional commitments:

- We will be launching a new Sustainability & Responsibility Strategy in Spring-2019, with ambitious targets directly related to packaging and plastic-use.

RB

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- At RB, we believe our first and most important contribution is to eliminate problematic and unnecessary plastics by design as much as possible. We will complete screening our packaging portfolio to identify unnecessary and problematic formats and develop action plans by end 2019 to effectively address those. We have already started taking action – for example we identified Poly-Oxymethylene (POM) in our triggers as problematic for recycling of PET and therefore developed an innovative new design which won Best Rigid Packaging of the Year in the UK Packaging awards. There are other problematic materials like black plastic, coloured PET and multi-layered flexible laminates where we are currently reviewing alternatives and for which we will develop effective action plans in 2019.

Take action to move from single-use towards reuse models where relevant by 2025:

- We will review our single use formats by end 2019 to identify alternative business models to replace them where possible and relevant. For certain products single use may be the safest option to deliver health or hygiene benefits and here we will strive to design for recyclability while maintaining the integrity and quality standards of our products and work to build widespread awareness of proper disposal.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We will develop action plans by end 2019 to ensure that our plastic packaging will be recyclable or reusable by 2025 (compostable is not currently relevant to our portfolio). We will develop systematic recyclability guidelines based on How2Recycle and OPRL to inform marketing and R&D teams on how best to develop products to design for recyclability and ensure we label our products appropriately to inform consumers on how to best dispose and recycle our products. We are considering both what is needed to make individual components (e.g. bottle, cap, trigger etc.) recyclable as well as designing the fully assembled product on shelf. For example, we have designed triggers that are fully recyclable and will cascade this across our portfolio. All our labels and sleeves will be developed with the recycling process in mind by end 2020 to support ease of removal and material identification to support recycling. We have also partnered with TerraCycle to recycle our flexible packaging in the UK and are also part of the LOOP programme trialling reusable solutions

25% 2025 post-consumer recycled content target across all plastic packaging used:

- Where we use plastic in our packaging, we will ensure that at least 25% of its content is recycled plastic by 2025, where possible or allowed by regulators.
- We are reviewing our plastic packaging to assess where we can include post consumer resin (PCR) given the nature of our formulations and existing regulatory requirements. This review will be completed by the end of 2019. This will be an ongoing task as the markets for PCR evolve. We are developing relationships with a number of suppliers to support our innovation agenda - including looking to confirm sourcing of PCR of the right quality for our products and testing the materials for compatibility with our formulations. We recognise that the market for PCR exists in the USA and Europe and are looking for opportunities to further increase our use of PCR in our packaging in 2019 and 2020. We are also working with suppliers in other geographies such as India and Latin America to improve supply of PCR.

Additional commitments:

- RB has a diverse portfolio of brands and products, several of which are highly regulated (as medicines or medical devices) and require us to comply with stringent consumer safety standards as part of our licensing authorisations. As part of the review above we will screen RB's health portfolio to determine how we can meet the following goals without compromising public health requirements. We will engage with critical stakeholders (such as trade associations and health authorities) to identify and advocate for changes to regulatory requirements as appropriate.

PACKAGED GOODS COMPANY

SC Johnson

Plastic packaging volume: 90,000 metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We commit to further design out of any excess packaging remaining in the SC Johnson product portfolio where technically feasible
- In 2019, we commit to start collaborating with suppliers on closing the recycling loop for problematic packaging e.g. multilayer film packaging although it is less than 5% of our total plastic packaging
- In 2004, we stopped using PVC and placed it on our not-allowable materials list. Since then we never stopped replacing problematic packaging and will continue to innovate and explore options

Take action to move from single-use towards reuse models where relevant by 2025:

- We commit to providing refills for 50% of our trigger bottles by 2025. Specifically this means doubling the number of our trigger bottles that have a corresponding refill either in concentrate form or in one-to-one refill bottles
- Our trigger bottles are designed to deliver 10,000 trigger sprays. This means a bottle can be refilled and reused an average of 13 times
- We commit to launching concentrate products for at least 3 of our major brands in the US in 2019
- In 2019, we commit to working with our suppliers to develop innovative solutions for expanding reuse of our plastic packaging

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We commit to champion a system change allowing U.S. municipalities to accept mono-layer flexible film in the curbside recycling bin, to be sorted at sorting centres
- By the end of 2019, we will establish 8 plastic collection centers in Indonesia establishing a potential infrastructure model and incentivize collectors through the exchange of plastic for goods and services.
- We commit to expanding production of Ziploc® compostable food scrap bags

• 15% 2025 post-consumer recycled content target across all plastic packaging used:

- We commit to at least tripling our global PCR content from 5%-15% in all plastic packaging used by 2025. To achieve this we aim for 10% PCR by 2021
- As part of our global PCR in plastic packaging goal, we commit to doubling the amount of PCR used for our North American and European bottles from 20% to 40%

Additional commitments:

- We are committed to explore all options to reduce plastic waste in the environment and other ecosystems. In that spirit we launched 100% PCR Ziploc trash bags made from curbside recycled film that otherwise would have been sent to landfill

PACKAGED GOODS COMPANY

Stanley Black & Decker

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We commit to evaluate our plastic packaging portfolio and eliminate problematic or unnecessary plastic packaging.

Take action to move from single-use towards reuse models where relevant by 2025:

- We commit to evaluate our plastic packaging portfolio and move from single-use to reuse where relevant.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We commit to 100% of our plastic packaging being reusable, recyclable, or compostable by 2025. Our ambition is for 100% of our packaging to be reusable, recyclable or compostable by 2025.
- We will partner with Techstars in 2019 and bring in eco-friendly sustainable packaging solution start-ups for mentoring and potential investment. https://www.techstars.com/content/accelerators/stanleytechstars-accelerator-year-2/

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

- We will determine a recycled content packaging goal by April 2020.

Note: Stanley Black & Decker has additional commitments detailed under the ‘Durable goods producers’ category

PACKAGED GOODS COMPANY

The Coca-Cola Company

Plastic packaging volume: 3,000,000* metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Through our World Without Waste plan launched in January 2018, building on prior goals formalized as part of last year's Ocean's Pledge, we have set a target of 100% recyclable packaging by 2025. We are currently at over 87%, as our predominant packages are already 100% recyclable.

Take action to move from single-use towards reuse models where relevant by 2025:

- We are utilizing our Coca-Cola Freestyle® technology to re-imagine the role of packaging in how we deliver products to consumers, piloting refillable cup and bottle models. Traditional refillables (glass and PET) play a critical role in many markets today, for example in Latin America where in some markets refillables are over half of our sales.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We have set goals in this area through our World Without Waste program. PET (polyethylene terephthalate) is the predominant plastic we use in primary consumer packaging, which is virtually 100% recyclable today.

2025 post-consumer recycled content target across all plastic packaging used:

- Through our World Without Waste program, we have set a goal to have 50% recycled material in all our packaging by 2030. Our western European business has pledged to meet this target by 2025.
- We have made several major innovation announcements in the last year regarding chemical, or enhanced, recycling of plastics. We are now working with Demeto/gr3n, Loop and ioniqa. Our business units continue to advance existing technologies as well.

Additional commitments:

- Although we have only recently passed the one-year mark since launch of our World Without Waste program, we have made a great deal of progress towards implementing action for packaging design (100% recyclable packaging by 2025, 50% recycled material by 2030), collect (helping to collect a bottle or a can for every package we put in the marketplace by 2030) and partner (collaborating with others to drive towards a litter-free environment) pillars. Our business units continue to advance plans across the globe. We have recently published an update in the Washington Post, and we have more to come that we would love to share with you in a live meeting. The Washington Post content can be found at: https://www.washingtonpost.com/brand-studio/the-coca-cola-company/what-if-plastic-never-became-waste/. Ongoing progress updates will be published at: https://www.coca-colacompany.com/learn-more-about-sustainable-packaging.

** Note on volume: Approximate 2017 figures*

PACKAGED GOODS COMPANY

Unilever

Plastic packaging volume: **610,000** **metric tonnes**

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

We have adopted an internal framework on plastic, shaping our thinking and future innovation: Less Plastic, Better Plastic, No Plastic. This includes the redesign of our packaging and business models to reduce and avoid the use of unnecessary plastic.

- We already eliminated 99% of PVC from our packaging portfolio with the exception where there are no appropriate alternatives yet such as seals for metal lids.
- We oppose the use of oxo-degradable plastic packaging.
- In January 2019, Ben & Jerry's announced that they will no longer offer plastic straws and spoons in any of its >600 scoop shops worldwide in early 2019.
- We will share our palette of materials in 2019 incl. an assessment on the problematic materials we are tackling.
- Working together with Masterbatch suppliers we are developing detectable black packaging. We will use this in our brands using black plastics starting in Q2 2019, so we can make them recyclable.

Take action to move from single-use towards reuse models where relevant by 2025:

We recognise the importance of recycling, but know it's not the only solution. We are determined to reduce our use of single-use plastics by investing in alternative models of consumption which harness refills and reusable packaging.

- Our no plastic agenda developed workstreams on alternative materials, new packaging formats and alternative models of consumption, whilst avoiding unintended consequences.
- We already conducted a number of dispensing trials with our retail partners, and are working to overcome barriers linked to consumer behaviour, commercial viability and scale.
- In January 2019, we announced nine of our brands are participating in Loop ™ - an innovative new delivery model for durable packaging which is shipped directly to the consumer, returned and refilled. Loop ™ will help us test a direct-to-consumer model at scale, redefining how consumers access the brands they love whilst eliminating waste. Loop will complement our existing efforts to create a packaging system that is truly circular by design.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Our internal Design for Recyclability guidelines, launched in 2014 and revised in 2017, promote a variety of solutions such as modular packaging, refills and use of recyclable materials.
- As a part of our better plastic agenda, we are redesigning non-recyclable packaging where suitable alternatives exist. Examples: We moved into mono material sachets in India in relevant applications and launched the Magnum recyclable crackpot innovation in the UK.
- We are investing in technology (e.g. Creasolv) to recycle currently non-recyclable materials (e.g. multi-layer sachets) and in our partnership with Ioniqa and Indorama Ventures to convert opaque PET waste back into virgin grade material for use in food packaging.
- We have identified and are working with partners to explore viable compostable solutions. We will only support the use of compostable packaging in a market if an appropriate disposal mechanism is in place at scale e.g. food waste collections for industrial composting.

25% 2025 post-consumer recycled content target across all plastic packaging used:

We will do this through innovation and collaboration from creating supply by making our packs recyclable in the first instance to creating further demand for mechanical, hybrid and chemical recyclates.

- A number of brands use 100% recycled content. Examples include Sunlight dish wash liquid in South Africa, Love Beauty & Planet and 7th Generation.
- We will keep pushing to deliver more in 2019 which is why we are creating partnerships like our WISE partnership in Brazil and our Veolia partnership with a focus on building the supply chain.
- We are working with governments to develop policies and frameworks that facilitate a shift in material collection and recycling, incl. Extended Producer Responsibility schemes.

Additional commitments:

- We will be publishing our palette of materials in 2019, ahead of our commitment that we made in January 2017 to do so by 2020

A.1.B PACKAGED GOODS COMPANIES - BELOW USD 10BN ANNUAL REVENUES

NEW PLASTICS ECONOMY

Global Commitment

UN environment
United Nations Environment Programme

PACKAGED GOODS COMPANY

Barilla G. e R. fratelli SpA

Plastic packaging volume: 15,000 metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We will start a critical revision of our existing packaging, building a plan for elimination or substitution of the problematic or unnecessary plastic components. The revision will be finished by end 2019, and the results will be published.

Take action to move from single-use towards reuse models where relevant by 2025:

- We are evaluating partnerships to develop this approach, we will end this scouting by 2020.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We will redesign and substitute all the multi-material multilayer films with recyclable mono-materials, by 2020.

TBD 2025 post-consumer recycled content target across all plastic packaging used:

- We commit to work on setting a recycled content target by 2019 for secondary and tertiary packaging materials, and we will consider eventual food contact applications of recycled materials when available on the market.

PACKAGED GOODS COMPANY

Bella+Frank

Plastic packaging volume: 4 metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We have entirely eliminated plastics from our ecommerce and only use paper and cardboard.
- Where we still use plastic packaging to transfer our stock from manufacturing to storage and from storage to wholesale, our goal is to shift entirely to biodegradable options such as Tipacorp once we can reach the MOQs (hopefully well ahead of 2025).

Take action to move from single-use towards reuse models where relevant by 2025:

- We now only use high grade, durable plastic to transfer our stock from manufacturing to storage and from storage to wholesale. The durability of these bags means that we should not need to replace them often if at all.
- Our manufacturers, logistics company and wholesalers know that these bags need to be returned to us to be reused again.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We have already switched to a reusable and recyclable plastic packaging option but are hoping to reach the MOQs for compostable and biodegradable brands such as Polyair and Tipa-corp

100% 2025 post-consumer recycled content target across all plastic packaging used:

- We have already switched to a reusable and recyclable plastic packaging option but are hoping to reach the MOQs for compostable and biodegradable brands such as Polyair and Tipa-corp.
- We are actually hoping to source our packaging producers from those who have also committed to the New Plastics Economy and, thus, understand our mission.

Additional commitments:

- As a small brand we are aware that often our size prove to be a strength (in that our process are easier to reform and restructure) as well as an obstacle (because most of the companies offering compostable and biodegradable plastic alternatives typically have high MOQs far beyond our needs). Collaborating with other small companies that want to commit to the new plastic economy is a good way to ensure we meet our goals and raise awareness locally to other businesses about how they can do better. Coming together to be able to meet the MOQs allows us and other businesses to reduce their problematic plastic use and hopefully provides a model for other small businesses to attempt the same elsewhere. Additionally, as a clothing company, we are aware of microplastics and are moving our production towards alternatives to polyester (particularly those produced by Lenzing group which would also allow us to engage in a circular economy and give us the ability to encourage our customers to recycled their used clothing with us).
- We are talking to several companies about recycling our clothes and making them into new fibre/fabrics. We will able to start implementing this for most of our products and all of our offcuts within the next 2 years but will need to do things such as ensure that we no longer use multiple composition fabrics which could pose a problem to the process as it stands now due to the available technology.

PACKAGED GOODS COMPANY

Burberry Group plc

Plastic packaging volume: 200 **metric tonnes**

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

We completed a Plastic Footprint Mapping exercise which identified the use of plastic across all Burberry activities, including both own branded and transit packaging. This mapping enabled us to create a roadmap which includes ambitions to reduce, eliminate and transition away from problematic and unnecessary packaging across our own branded plastic packaging portfolio, with a focus on single use plastics. This roadmap includes the elimination of the following plastic from our new own brand packaging* in 2019:

- Plastic lamination of retail bags (removing c. 20 tonnes of plastic, figures from 2018 baseline); Poly bags used for garment covers (removing c. 9 tonnes of plastic, figures from 2018 baseline); Individual shrink wrap, currently used to pack ribbon rolls

We will continue to explore plastics within own brand packaging which could be eliminated.

**Note: New own brand packaging = customer facing retail packaging, including bags, swing tickets, boxes, paper etc. Launched in Feb 2019 and will be in all stores by September 2019*

Take action to move from single-use towards reuse models where relevant by 2025:

- In 2019 we will launch a hanger take back programme with our suppliers in the UK. This programme will recycle previously discarded transit and retail hangers, so that they can be reused within our supply chain
- During 2019 we will also investigate areas of potential for reuse models for plastics in our supply chain.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

As part of our commitment for all of our own brand plastic packaging to be reusable, recyclable or compostable by 2025 we will:

- Ensure that retail bag rain covers are made from at least 30% bioplastic and will be compostable by the end of 2019
- Launch a reusable garment cover by 2020

Following our plastic mapping exercise we found that 3 items account for 80% of our plastic transit packaging footprint, one of these items is transit hangers. Going beyond our commitment to ensure all of our own brand packaging is reusable, recyclable or compostable by 2025, we are also implementing the following initiatives into non branded transit packaging:

- Launch a compostable hanger option by the end of 2019
- Launch a compostable shroud and polybag by the end of 2019

We have also started to explore options to develop a fully compostable and 100% bio-based material to be used in our transit packaging items by 2025

20% 2025 post-consumer recycled content target across all plastic packaging used:

- Our mapping exercise enabled us to identify products which already have recycled content such as our transit hangers which are composed of fully recycled content
- We are now working to identify further opportunities to increase our use of recycled content and we are aiming to reach a 20% recycled content in all of our own brand packaging by 2025.

PACKAGED GOODS COMPANY

Delphis Eco

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We have already eliminated unnecessary plastic packaging and will continue in the future to evaluate our portfolio and eliminate problematic and unnecessary plastic packaging.

Take action to move from single-use towards reuse models where relevant by 2025:

- We already have and will continue to evaluate our portfolio and move from single use to reuse models where relevant.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We achieved this across our entire portfolio in October 2018.
- We are delighted and very proud to be the 1st UK company to have developed a 100% post consumer recycled plastic bottle. We are now 100% single use plastic free across our entire cleaning product range.

100% 2025 post-consumer recycled content target across all plastic packaging used:

- We reached 100% in October 2018. We are forecast to go through 500,000 bottles in 2018 so with a 70% CO2e reduction we believe we will have saved 140 tonnes of carbon.

PACKAGED GOODS COMPANY

Earthwise Group Ltd

Plastic packaging volume: 284 metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We have removed the plastic bag inside our Laundry Powder boxes in January 2019.
- We will screen our entire plastic packaging portfolio mid-2019 to identify a list of problematic items that require a detailed approach to find suitable solutions by 2025.

Take action to move from single-use towards reuse models where relevant by 2025:

- Our mission is to reduce the use of virgin plastic.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We commit to having 100 percent of our packaging recyclable, reusable or compostable by 2025 or earlier.
- Caps, tubes, pumps and other packaging components are the most challenging items to find suitable recycled material. We are investigating what technology is available to tackle this issue.

50% 2025 post-consumer recycled content target across all plastic packaging used:

- We will move all Earthwise household cleaning bottles made with minimum 75% recycled materials (sourced from milk, juice and water bottles) by mid-2019.
- We have started to introduce Earthwise 75% recycled plastic bottles and Glow Lab hair care and personal care to 100% recycled bottles in October 2018.
- Nourish personal care bottles will move to 100% recycled materials by end of 2019.

PACKAGED GOODS COMPANY

ecostore

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We will continue to evolve our approach to plastic packaging, adopting new technology as it becomes available and communicating our changes.
- Currently 99% of our packaging (bottles / caps / shippers etc) are recyclable and widely recycled globally. We will ensure we maintain this level.

Take action to move from single-use towards reuse models where relevant by 2025:

- We are also the leaders in refill stations, with over 50 available throughout NZ. We will increase this number YOY.
- We entered the oral care category this year with our toothpaste being packed in ABL tubes. And toothbrushes made from bio nylon. We have a take-back scheme in which both items, post use, are returned to us for processing into new recyclable materials or passed into alternative recycling systems. We are also actively exploring innovations that will enable a move away from ABL tubes.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- As a total of our packaging output, approximately 99% is already recyclable. Only 1% of our plastic output is a challenge to recycle given that toothpaste tubes & toothbrushes are only recycled in specialty schemes – such as TerraCycle.
- We aim to have 100% of our packaging reusable or recyclable by 2023.

5% 2025 post-consumer recycled content target across all plastic packaging used:

- Since 2014 we have been in sugar bio-based plastic as a sustainable and renewable alternative to petrochemical plastic. >90% of ecostores plastic bottles are from sugar cane. Our caps / triggers / pumps / toothpaste tubes (<10%) are from petroleum based plastic.
- We remain committed to using sugar cane bio-based plastic
- We will look to minimise our approx. 10% of petroleum based plastic and aim for 100% of it to be reusable or recyclable by 2023.
- By 2025 we will also have a minimum of 5% recycled plastic in our bottles

PACKAGED GOODS COMPANY

GANNI

Plastic packaging volume: **TBD***

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Important note: Our sustainability ambassador programme, which comprises of 1 member from each department will identify all plastic usage within GANNI and their department and together will work on solutions or alternatives to plastic
- **Short-term:** We will review our current plastic usage across the business and aim to have reuse models in place by 2020.
- **Long-term:** We will work in collaboration with the industry on a solution for plastic polybags to protect clothing in transportation
- We will collaborate to use innovative solutions for 'packaging' that don't rely on the 'reuse model' by 2025, eliminating where we can.

Take action to move from single-use towards reuse models where relevant by 2025:

- **Short term**
- By February 2019, introduce reusable packaging solution like Re-pak, investigate if we should continue with re-pack, find another provider or do our own branded version
- By 2020, review the possibility of introducing a bag for life in our stores and eliminating single-use carrier bags
- **Long term**
- Partner with/ collaborate with innovation solutions for online order packaging and in-store retail carrier bags

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- **Short term:** By February 2019, switch from plastic to recycled plastic on our online shipping bag, investigate if that is the most sustainable solution to this
- By February 2019, introduce reusable packaging solution like Re-ack, by March 2019, switch from conventional plastic carrier bag to a biodegradable and compostable cornstarch carrier bag
- **Long term**
- Investigate if we should continue with Re-pack, find another provider or do our own branded version
- Find a solution to the single-use polybag to avoid contamination of clothing in the transportation
- Find a sustainable solution to warehouse plastic packaging to avoid contamination of clothing in the warehouse
- Find a sustainable solution for the plastic packaging used by all of our 1st tier suppliers handling our finished product
- Find a solution to the plastic packaging of the salesman samples

100% 2025 post-consumer recycled content target across all plastic packaging used:

- **Short term:** Our sustainability ambassador programme, which comprises 1 member from each department will identify all plastic usage within GANNI and their department and together will work on solutions or alternatives to plastic and therefore will be able to measure out of our current plastic usage, how much of this is recyclable
- **Long term:** By 2025 switch to 100% recycled plastic, where the plastic packaging will not be possible to entirely eliminate.

**Note on volume: Currently we do not measure the overall volume of plastic production/usage at GANNI. Therefore we commit to start mapping our plastic production and usage by 2019 and initiate action on plastic reduction by 2020*

gDiapers

Plastic packaging volume: 1 **metric tonnes**

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We will explore and test bio-based plastic alternatives

Take action to move from single-use towards reuse models where relevant by 2025:

- We will test systems that have us collect our used plastic packaging along with our used nappies as a part of g-cycle

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We are currently recyclable. We will focus on compostable to match our product

50% 2025 post-consumer recycled content target across all plastic packaging used:

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PACKAGED GOODS COMPANY

innocent drinks

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- By 2020 we aim to replace the plastic straws on our kids packaging with paper straws.
- By 2025 we aim to deliver a light-weighting programme targeting 5-10% weight reductions across all of our larger, take-home bottles.

Take action to move from single-use towards reuse models where relevant by 2025:

- We aim to deliver a successful re-use trial by 2025, without material increase in product wastage and therefore detrimental impact on our carbon footprint.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- 100% of our packaging is recyclable now and we are committed to keeping it that way.

50% 2025 post-consumer recycled content target across all plastic packaging used:

- We will have a minimum of 50% recycled content across all bottles by 2022. We are also aiming for a 100% sustainable smoothie bottle by 2022, comprised of 70% recycled plastic and 30% robust bio plastic (from waste organic sources).
- We aim to trial recycled content in our caps by 2025.

Additional commitments:

- We are committed to building a circular economy for plastics by encouraging our consumers to recycle our bottles every time. We will continue to do this through clear labelling, motivating on pack messages and engaging consumer campaigns.

PACKAGED GOODS COMPANY

Internet Fusion Group

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Our own packaging will be 100% plastic free in 2019 by eliminating the final 5% of plastic in our own packaging. In 2018 our outbound packaging was 95% plastic free.
- Continually update and increase stipulations in our 'Delivery Policy' to limit either non recyclable, non compostable packaging supplied to us by our brands. The Delivery Policy is a best practice packaging guide for our brands, that has a traffic light system. Red - not accepted materials or type, Amber - Minimum accepted, Green - Preferred / targeted material / type

Take action to move from single-use towards reuse models where relevant by 2025:

- In 2019, we will establish the feasibility of using Repack, Limeloop or similar reusable delivery systems.
- We will trial a series of reusable dolavs with our freight forwarders in 2019 to eliminate the use of plastic stretch wrap

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We will begin to impose limits on our supply chain – restricting materials that aren't recyclable or compostable.
- We will eliminated the final 5% of plastic from our own packaging, and revert to paper or card options as used with the rest of the 95%. By switching the remaining plastic mailing bags to a cardboard option, remaining plastic tape to a paper option and our plastic returns bags to paper. In 2019, 100% of our own packaging will be recyclable and compostable.

N/A 2025 post-consumer recycled content target across all plastic packaging used:

- Internet Fusion group aims to eliminate plastic packaging as such does not have a target on recycled content.
- We are working with our 750+ brands through our 'Delivery Policy' to limit packaging materials and types. As part of this we stipulate that all individual products wrapped in plastic bags must be made of 100% recycled plastic content.
- Further, our new CVP-500 packaging machine potentially provides the opportunity for us to remove plastic bags, recycle it and wrap the product in only paper and card. Creating a circular system within our B2B section and establishing a circular service to our customers in our B2C section. This may be offered as an opt in delivery option.

Additional commitments:

- We will source 100% recycled cardboard for all our cardboard packaging (% calculations won't be available until the end of 2019). Paper options will remain virgin due to structural integrity.

IWC Schaffhausen (Watchmakers)

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Working with our suppliers to ensure any plastic in our packaging is 100% recycled content, or as much recycled content as technically and commercially feasible; exploring options for plastic-free packaging

Take action to move from single-use towards reuse models where relevant by 2025:

- Giving our customers as little plastic as possible; encouraging our customers to re-use our packaging; exploring options to take back packaging and re-use / upcycle it

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Working with our suppliers to ensure any plastic in our packaging is 100% recycled content, or as much recycled content as technically and commercially feasible; exploring options for plastic-free packaging

100% 2025 post-consumer recycled content target across all plastic packaging used:

- Working with our suppliers to ensure any plastic in our packaging is 100% recycled content; we're aiming for 100% and will only know how realistic this is as we get underway

Additional commitments:

- We are also assessing the plastic used in our operations and taking steps to find non-plastic solutions or ensure plastic used is 100% recycled content

L'OCCITANE en Provence

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We are committed to decrease the weight of plastic items (jars, tubes, caps…) where possible and will always look for alternative materials to replace problematic or unnecessary plastic packaging.
- By 2021, we target to remove or substitute the plastic spatulas from our cream product, the plastic components from our e-commerce shipping boxes and the plastic cello-wrapping on our retail/web standard products.
- We want to find a solution to decrease the number of plastic product samples. We will evaluate and define our options in 2019 and define our action plan in 2020.

Take action to move from single-use towards reuse models where relevant by 2025:

- We target to increase our number of Eco-Refills (from 15 references to 25) by 2022.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We target that 100% of our plastic bottles will be easily recyclable (= in PET) by 2025 (vs. 84% today) - it means that we will replace the PETG bottles we have by PET bottles.
- We work with recycling companies to develop packaging easy to recycle and to increase our usage of recycled plastic.
- We want to make our eco-refills recyclable by 2025 - it means we will need either to replace the film by a monolayer or change the packaging and the concept.

40% 2025 post-consumer recycled content target across all plastic packaging used:

- We target to reach 100% of PCR recycled PET in our retail/web bottles by 2025 (vs 30% today). We will do this by reaching 50% by 2022 and 100% by 2025 thanks to our new partnership with LOOP industries.
- We target to reach 40% of PCR of our total plastic use by 2025 (vs 12% today).
- We will introduce other PCR materials (PET,PP,PE) in our products each time it is possible.
- We target to implement a recycling service in 100% of our owned shops by 2025, to give access to recycling to all our customers around the world (vs. 30% today).

PACKAGED GOODS COMPANY

McCormick & Company Inc.

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

Committing to a series of targets and actions, including:

- Achieving 100% of plastic packaging that can be reused, recycled or repurposed by 2025
- Further increasing recycled content in our plastic packaging
- Developing packaging design innovations that further reduce the use of plastic materials
- Eliminate Polystyrene systemwide
- Adoption of renewable packaging materials.

Take action to move from single-use towards reuse models where relevant by 2025:

- We are prioritizing plastic materials that can be reused rather than disposed and moving away from single use plastics overall. In addition, we have activated against a plan to incorporate greater levels of recycled content into the majority of our plastic packaging.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Increasing our use of materials capable of being recycled or reused, in addition to assessing avenues to leverage plastic materials made from renewable sources.

10-30% 2025 post-consumer recycled content target across all plastic packaging used:

- We are currently working with partners to define the highest possible level of recycled content we can incorporate into our packaging while still meeting FDA standards for food safety. We expect to be in the range of 10%-30% recycled content on average across all plastic packaging by 2025.

Additional commitments:

- 25% reduction in overall packaging carbon footprint by 2025.

PACKAGED GOODS COMPANY

Meu Copo Eco

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

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Take action to move from single-use towards reuse models where relevant by 2025:

In the coming years we will focus on the expansion of the company's activities.

- Increase of 12 official representatives to 20;
- Increasing the number of branches from 1 to 4;
- Support of reverse logistics of glasses with the main representatives of drinks of the country in order to eliminate disposables.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We are working to replace the difficult-to-recycle silicone rubber of one of our products to reuse neoprene, that is, neoprene that would be discarded.

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

- Our products are extremely durable (as opposed to the programmed logic) and are reuse hundred or even thousands of time, however at a certain point it can go to:
    - Recycling
    - Donation to public schools
    - Project Remold www.wwf. org.br

PACKAGED GOODS COMPANY

MYO Cosmetic Cases

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We continue to explore new product materials to replace the current plastic material we are using. We launched in January 2018 and have since tested 3 materials to completely replace, OR replace a minimum of 25% percentage of our plastic material. Our product material will be at a minimum replaced by a more environmentally friendly material by the end of 2019.
- By the end of 2019 we will eliminate the plastic bag our cosmetic case is currently held in, inside our product packaging. It will be replaced with a reusable cotton cloth bag.
- Currently our shipping packaging is a bubble mailer made of 20% recycled film with 10% post-consumer content which will be replaced by a paper mailer made of 100% recycled fibre with 10% post-consumer content.

Take action to move from single-use towards reuse models where relevant by 2025:

- We offer a refillable, reusable magnetic cosmetic case, the size of a large cell phone, that comes with small magnetic reusable makeup containers. With a minimalist approach, our case is designed to stow multiple types of makeup allowing consumers to customize and consolidate their daily and touch up makeup. By the end of 2019 we will collaborate with a makeup company makeup, encouraging a more mindful practice to purchase single refill pan makeup. Note: Many consumers purchase palettes of makeup with, for example, 6-8 eyeshadow colors only using 2-3 of them. Consumers can purchase singles of the 2-3 shades they actually use, cutting out wasteful packaging and product.
- Our products are durably designed to stand the test of time [to be used for a couple years] — to be refilled, reused and eventually recycled. In 2019, we will conduct a survey to determine a more exact rate of reuse for our case.
- We are updating our website, by April 2019, to amplify the ‘refillable/reusable aspect of our product.
- January 2019 we established a Take Back Program where we receive 'Ready to Recycle' cases from our customers, wash, melt and re-mold them into new cases keeping them out of landfills.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Our company was established with a 100% commitment to offer a product intentionally designed to be refillable, reusable and recyclable. Our focus is to reduce single use products, and packaging, redefining the way consumers view, purchase and use makeup. We continuously test new product materials (plant based etc.) in order to offer our customers the best option for health, quality, usage versatility, reusable and recyclability.
- The interior base of our case has a magnetic sheet and we are committed to taking back all ‘ready to recycle’ cases to ensure the magnetic sheet is recycled responsibly. As we just launched a year ago, and our case is designed for longevity, we have not received any cases back yet.
- February 2019, we commit to keeping records of all cases returned that we disassemble and list the parts we are able to reuse to remake into new cases and list the parts that we ensure are taken to recycle responsibly.

25% 2025 post-consumer recycled content target across all plastic packaging used:

- By the new year of 2025, through our Take Back Program we commit to infusing 25% reusable (100% recyclable) case material we will accept back from customers, to wash, melt and re-mold into new cases/products.

PACKAGED GOODS COMPANY

New Zealand King Salmon Company Ltd

Plastic packaging volume: **229*** **metric tonnes**

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We will screen our entire plastic packaging portfolio mid-2019 and publish a list of problematic or unnecessary items by category by end September 2019.
- We are actively challenging our suppliers to deliver packaging solutions that reduce waste or footprint in plastic usage.
- We are actively looking for solutions to eliminate polystyrene, aiming to decide on one solution by end of 2019 and fully eliminate by end of 2021.

Take action to move from single-use towards reuse models where relevant by 2025:

- We will shift towards reusable B2B pallets, boxes and crates, in our logistics between factories, cold store and supply chain.
- We will explore further possibilities for reuse/refill in the chilled seafood segment.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- By end September 2019 we will have identified and published a full list of packaging in our portfolio that is not recyclable in practice and at scale today and a roadmap to address each of these by 2025.
- By end of 2019 we will replace aluminium foil coated cardboard cartons with a fully recyclable alternative.
- By end of 2019 we will replace MAP bottom web film with a recyclable film.

25% 2025 post-consumer recycled content target across all plastic packaging used:

- We will assess and categorise all our packaging in 2019 to determine the classification for each packaging input and the percentage of recycled content per SKU.
- We are currently working with potential suppliers to increase recycled content in our hot smoked packaging trays, aiming to go from 0% to 30% by end of 2019.

Additional commitments:

- We will also assess our operational use of plastic packaging and consumables in 2019 to commence the process of identifying focus areas.

* 2018 volume

Ocean Remedy

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We will design for minimal waste and aim for zero waste in our garments (which are synthetic).
- We will minimise packaging and choose recycled, recyclable or compostable.
- We will reduce single use plastic with a goal to eliminate it, with all single use plastics used to be compostable.
- We will utilise reusable bags for shipping garments from factory to warehouse.
- We will never package individual garments in plastic.

Take action to move from single-use towards reuse models where relevant by 2025:

- We have manufactured reusable (recyclable) bags that enclose garments when shipped from factory to warehouse.
- 2019 will be a benchmark year for Ocean Remedy.
- All single use plastic will be recorded by mass.
- Future comparisons will be made, based upon mass of single use plastic used, relative to stock production.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Any online sales are already shipped in home compostable plastic mail bags, or cardboard.
- Any plastic wrapping from factory to warehouse will be compostable from 2019.
- Adhesive tape is a challenging issue that needs to be replaced with a biodegradable option by 2021.

100%

2025 post-consumer recycled content target across all plastic packaging used:

-

Additional commitments:

- Ocean Remedy is committed to only using recycled synthetic fibres (78% target) Although presently these textiles include a virgin lycra component of 22%. Ongoing research into the best available recycled textiles will continue. However, research will include full life cycle assessment to include microfibre pollution reduction.
- We commit to incentivise return of our synthetic swim-wear product from our customers, at the end of its usable life, such that it can be stored (not land-filled) until it is able to be recycled an retained in circular production.

PACKAGED GOODS COMPANY

POSITIV.A

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Eliminate the few plastic packages remaining from our cleaning products into recycled post consumer plastic.

Take action to move from single-use towards reuse models where relevant by 2025:

-

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Transitioning until the end 2019 all of our current packaged into recycled plastic. Also, all new product packaging will be designed from scratch using recycled plastic and paper.
- Also, all our cardboard boxes are already from recycled material.

100% 2025 post-consumer recycled content target across all plastic packaging used:

- Transitioning until the end of 2019 all of our current packaged into recycled plastic. Also, all new product packaging will be designed from scratch using recycled plastic and paper.
- We are currently in the process of launching 6 products made out of recycled plastic. The idea is to do the same with 100% of our products.
  In order to do this, we have started sourcing raw materials at waste cooperatives near São Paulo and made a partnership with a specialized circular economy company.

PACKAGED GOODS COMPANY

Preserve

Plastic packaging volume: 19* metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Preserve will always consider what plant based or recycled plastic packaging can be replaced by recycled paper packaging.

Take action to move from single-use towards reuse models where relevant by 2025:

- Given that our tableware line is focused on a reusable option, we will continue to take steps to partner with organizations like TerraCycle's Loop program to take these items from reuse in one household to sharing and reuse within a broader community or multiple households.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Preserve is working to source 100% recyclable and compostable multi-laminate films that are accepted for recycling by 2025.
- While almost all of our products already have recycled and recyclable packaging, we aim to transition the remaining products to recycled and recyclable packaging content or paper packaging by the end of 2020.

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

- We are committed to sourcing post-consumer recycled content for our packaging by 2025 and will over the course of 2019 assess the potential to use post-recycled content in our packaging.

Additional commitments:

- Given Preserve's history and sourcing of 100% recycled and plant based materials for reusable packaging, by 2025, Preserve will ensure that packaging will achieve recycling rates of 75% in the United States.

** Note on volume: 2018 figures*

Note: Preserve has additional commitments detailed under the ‘Durable goods producers’ category

PACKAGED GOODS COMPANY

PROQUIMIA, S.A.

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Move from diluted ready-to-use products to concentrated products (short-term).
- Move from rigid PE plastic packaging to low-weight flexible monocomponent plastic packaging (bag in box) -> >80% reduction of plastic consumption (short-term).
- Develop new packaging systems based on ecodesign and circularity (reduce, reuse, recycle): reduce the amount of packaging per functional doses

Take action to move from single-use towards reuse models where relevant by 2025:

- Move to deposit-return scheme for IBC 1000L (short-term).
- Move to deposit-return scheme for PE o PET bottles and jerrycans (long-term).
- Increase the ratio of ready-to-use reusable packaging (trigger-spray bottles reusable) (short-term)

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Polyethylene (PE) bottles, jerrycans - mono-material -> recyclable (short-term)
- PET bottles - > mono-material -> recyclable (short-term).
- Flexible plastic packaging (bag in box) -> Eliminate barrier layers.
- Short term: move from multilayer-multicomponent PE-OPA-PET film to PE-PET film.
- Long term: move to recyclable monolayer-monocomponent PE film.
- Increase the ratio of ready-to-use reusable packaging (trigger-spray bottles)

50% 2025 post-consumer recycled content target across all plastic packaging used:

- Polyethylene (PE) bottles, jerrycans - short term: use 50-100% PE post consumer recycled for opaque packaging. Long term: use use 50-100% PE post consumer recycled for translucid packaging.
- PET bottles - > short term: use 50-100% PET post consumer recycled.
- Flexible plastic packaging (bag in box) -> Eliminate barrier layers. Short term: move from multilayer-multicomponent PE-OPA-PET film to PE-PET film. Long term: move to monolayer-monocomponent PE film.

Spinlock

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Completing a survey of current usage to identify plastics, quantity and where used on incoming deliveries and shipments to customers. This will establish our baseline from which we will set our targets and devise action plan on how to tackle. This may include eliminating plastic use and switching material to recycled, reusable or compostable material.
- We aim to complete the survey by Mid-2019.

Take action to move from single-use towards reuse models where relevant by 2025:

-

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

-

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

-

Splosh Ltd.

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Work with our suppliers to eliminate problematic and unnecessary additives in our reusable containers as well as shipping containers. We will further optimise how our products are shipped to consumers to eliminate waste.

Take action to move from single-use towards reuse models where relevant by 2025:

- The splosh business model is built on enabling reuse, and by working to grow our business we will deliver on this commitment.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- 100% of our primary packaging is designed for reuse. The small amount that is used for shipping of concentrates is 100% recyclable.

25% 2025 post-consumer recycled content target across all plastic packaging used:

-

Stella McCartney

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We have mapped our plastic packaging usage and have already begun eliminating what we identify as unnecessary. We are only using what is needed for protection of products in shipping. As we develop our stand alone operations in 2019, we will ensure that we maintain this and share how we achieve this.
- Additionally, we should note that we stopped using PVC in 2010.

Take action to move from single-use towards reuse models where relevant by 2025:

- In 2019 we will identify any single-use products in our value chain and if there are any we will create a plan to eliminate them.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We are currently assessing the design of the plastic packaging used to protect our products during shipping as well as the wider design of our system of distribution.
- We are focusing on how to best collect any and all plastic that is being sent out with our products, not only through our direct retail channels but also working with our wholesale partner as we know that to make the correct decision for % of recycled content, recycling or composting we need to first scope out the full system and available solutions.
- We will complete this scoping process before the end of 2019. We aim to have switched all of our plastic packaging to the most sustainable option available in 2020 and will share these efforts publicly.

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

- This will be based on the scoping, that was previously described, but it is a key priority for us to use a maximum amount of recycled content for any petroleum-based material that we use.
- Our aim is always to use 100% recycled products but the viability of this for materials used for shipping still needs to be explored. We will set an ambitious target for 2025 by the end of 2019.

PACKAGED GOODS COMPANY

Superdry Plc

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- For new packaging items, we have created a guidance document - '10 Golden Rules of Packaging design and Disposal' - that is used by the Branding Team who manage our new packaging designs. The relevant 'Golden Rules' for minimising unnecessary packaging are:
    1. Always design for zero or minimum use of packaging
    2. Ensure only the minimum weight of material is used
- Our Design and Garment Technology teams continually review every element of existing customer facing and transit packaging in order to eliminate any unnecessary material (both plastic and otherwise). This process generates incremental improvements each season. These packaging design updates are then captured within our Supplier Manual, a new edition of which is created every six months. All suppliers are required to adhere to rules of use of packaging contained within this Supplier Manual. This process ensures consistency across the supply base. This revision and update process will continue to 2025 and beyond. In addition suppliers are briefed on our desire to see an improved environmental footprint for our packaging and are regularly consulted on ideas for improvements.

Take action to move from single-use towards reuse models where relevant by 2025:

- We have created a 'Sustainable Packaging Working Group' to help guide design in sustainable packaging and non-sale items. This Group meets every quarter and is made up of colleagues from across the business, from Design and Sourcing to Retail, Logistics and Sustainability. This range of expertise allows the group to both maximise the number and quality of ideas and to quickly understand the impact of any packaging alterations on all departments. The nature of Superdry packaging means options for re use can be limited however opportunities are, and will continue to be fully explored by all relevant internal stakeholders including the Design and Branding teams. The relevant 'Golden Rules' for a move to reusable packaging are:
    8. Design packaging for re use
    9. Disposal should always follow the waste hierarchy, with re use prioritised over recycling, and lastly material sent for energy recovery

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- The 'Sustainable Packaging Working Group' and Branding Team will again be the gatekeepers for increasing the percentage of packaging that is reusable, recyclable, or compostable. All colleagues are also encouraged to monitor relevant technical developments and to escalate ideas on packaging improvement to the Working Group.
- The relevant 'Golden Rules' for recycling and compostability are:
    3. Use of certified recycled materials should be prioritised, for example FSC paper and cardboard
    4. If suitable recycled materials are not available, examine options for other renewable materials, for example bio based materials
    5. Minimise the number of material types in each packaging solution and ensure those used are easily separated
    6. Minimise the use of plastics
    7. Hard to recycle materials such as foams and polystyrene should not be used

70% 2025 post-consumer recycled content target across all plastic packaging used:

- Our commitment applies to all plastic packaging with the exception of Ecommerce bags which will be made from a carbon negative, fully recyclable bioplastic. At present it is not possible to use more than approximately 40% recycled content in these bags without an adverse effect on the quality of the print aesthetic. As the Ecommerce bags make up a significant proportion of our plastic packaging we cannot commit to 100% recycled content across all plastic packaging for this reason. We will continue to review options to ensure we continue to select the best possible sustainable materials.

The Bio-D Company Ltd

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We will continuously review new packaging innovations and apply to our products accordingly.

Take action to move from single-use towards reuse models where relevant by 2025:

- We will make all Bio-D liquid products available in small Refill options by the end of 2019.
- We will continue to work on a circular solution for our larger refill containers reviewing our progress publicly on an annual basis.
- We will continue to build awareness of Bio-D Refill stations among consumers (and the discounts available for doing so).
- In 2018 we increased our number of refill stations in independent stores by over 90.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We will continue to move our bottled products into 100% recycled materials with the whole Bio-D range moved by the end of 2020.

75% 2025 post-consumer recycled content target across all plastic packaging used:

- We are working with suppliers to get a 100% recycled PET bottle for Bio-D Hand Washes by the middle of 2019.
- In 2018 we changed Bio-D 500ml trigger bottles, 5L bottles, 750ml Toilet Cleaner Bottles and 750ml household bottles across to 100% recycled HDPE.

PACKAGED GOODS COMPANY

The Make-Cup Brand Make-Cup Concepts LLC.

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Our secondary packaging is a compostable packaging system. This system will complement the release of our 2nd generation of product. We have very high aspirations of changing the way we “makeup” to create a movement of awareness and conscious consumption that has not been present in the color cosmetics industry to date.

Take action to move from single-use towards reuse models where relevant by 2025:

- We will be expanding the brand offering. In doing so we are discovering new primary packaging opportunities where the packaging for our brushes and color cakes will become part of the experience, and be re-usable and re-fillable. Our goal is to expand the offering therefore reducing the amount of primary packaging going to landfills.
- Our business is focused on creating products that are re-usable and Always Beautiful / Never Wasteful. We want to promote and encourage consumers to buy more re-usable products in the color cosmetics segment and will continue to spread awareness in all of our campaigns.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- This is our current model. We will be adding more and more refillable and re-usable products to achieve a full line offering by 2025.

100% 2025 post-consumer recycled content target across all plastic packaging used:

- By 2025 we will have more ownership of our entire process. We have recently discovered a new material that will be going into R&D with that will give us the opportunity to develop more products that can do more for our mission and for the end users of our products.

Additional commitments:

- By 2025 we will have influenced consumers to choose complete systems that can be used and re-used universally with many like-minded brands. By encouraging these brands to work together and use a simplification and standardization process, together we will achieve sustainability.

PACKAGED GOODS COMPANY

Werner & Mertz GmbH

Plastic packaging volume: **6,500** **metric tonnes**

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Spray piston: replacement of plastic parts that interfere PET or HDPE recycling.
- Closures/caps: transfer multi material closures into mono-material closures.

Take action to move from single-use towards reuse models where relevant by 2025:

- Not applicable for our product category.
- Increase as much as possible refill options like stand up pouches.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- For consumer packaging it will be finished by 2023.
- We reference 100 percent to all components (eg. bottles, caps, closure systems).

100% 2025 post-consumer recycled content target across all plastic packaging used:

- For consumer packaging: 80 percent of all our consumer packaging is already made from 100% post consumer recyclates.
- By 2025 100 percent of our consumer packaging will be made of 100 percent post consumer recyclates.

A.2 RETAIL AND HOSPITALITY

NEW PLASTICS ECONOMY

Global Commitment

UN environment
United Nations Environment Programme

Retail and hospitality company commitments

All retail and hospitality companies that are signatories to the Global Commitment:

1. Endorse the Global Commitment's common vision
2. Make the following individual commitments (where 2025 refers to December 31, 2025):
    a. Take action to eliminate problematic or unnecessary plastic packaging by 2025
    b. Take action to move from single-use towards reuse models where relevant by 2025
    c. 100% of plastic packaging to be reusable, recyclable, or compostable by 2025
    d. Set an ambitious 2025 post-consumer recycled content target across all plastic packaging used
3. Commit to collaborate towards increasing reuse/recycling/composting rates for plastics
4. Report annually and publicly on progress towards meeting these commitments, as well as on annual volumes (tonnes) of plastics production/use (the latter is used for aggregation purposes only, but individual public disclosure is encouraged).

Notes:
(i) The commitments are the same for packaged goods companies, retailers, hospitality and food service companies and packaging producers;
ii) For retailers the commitments cover own-branded products only

A.2.A RETAIL AND HOSPITALITY

- ABOVE USD 1BN ANNUAL REVENUES

NEW PLASTICS ECONOMY

Global Commitment

UN environment
United Nations Environment Programme

Ahold Delhaize

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- As a retailer, our brands will continue to take action to reduce single-use plastic bags from our stores and ecommerce operations. Our brands have already worked to optimize own brand product packaging, and will continue to identify and reduce unnecessary packaging – prioritizing fresh (fruit and vegetable) packaging.

Take action to move from single-use towards reuse models where relevant by 2025:

- Partnering to create closed-loop systems for brands' packaging materials. Customer engagement campaigns and incentives to choose reusable packaging.
- Engaging with our brands' suppliers to use reusable packaging models for transport and logistics packaging whenever possible.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Transitioning away from hard-to-recycle materials (e.g. polystyrene, PVC, black plastic) to widely recyclable materials.
- Removing additives that render materials hard-to-recycle (e.g. black plastic). In our operating markets without collection, sorting and recycling infrastructure; partner to improve and increase access to recycling.

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

- As the majority of AD brands' own brand products must be safe for food contact, rPET is the only recycled polymer available at scale in our operating markets. Our brands in the Netherlands and Belgium have committed to 50% rPET in beverage containers by 2025, and other EU brands will work towards 25% rPET.
- Ahold Delhaize will finalize a global recycled content target in 2019.

Additional commitments:

- All our brands' own brand packaging will have recycling information on pack (where space allows). Our brands will engage their communities to inspire behavior change necessary to drive a circular economy (switching to reuse, recycling, etc)

Carrefour

Plastic packaging volume: 57,000* metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

Actions launched in France :

- Remove non-recyclable plastic packaging from organic fruits and vegetables before 2022
- Reduce the use of packaging for fresh products : e.g. removal of plastic trays for cheese
- Phase out the sale of plastic straws by the end of 2018 and remove single use plastic straws from juice boxes. From 2019 on, follow-up with other single use plastic items in advance of the regulation

Take action to move from single-use towards reuse models where relevant by 2025:

- Partnership with TerraCycle in France to launch Loop on our e-commerce platform Carrefour.fr, starting with home delivery in 2019
- Offer customers the choice of reusable packaging when purchasing fresh products (bakery, butchery, fishmonger, deli) : as of 2019 deployed in France, Spain, Belgium and Poland

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

Carrefour has launched a packaging plan articulated around this aforementioned commitment. Two indicators are set to monitor progress on the action plan : quantity of packaging we put on the market (1) and recyclability of our packaging (2). In order to accurately follow these indicators, we will track the packaging information (weight, format, material, recyclability) for our private label SKUs through online questionnaires sent to our suppliers on a regular basis.

There is also a midterm target around packaging use reduction :

- Decrease by 5% the amount of packaging put on the market by 2022 vs 2017

Actions launched in France :

- Since 2017, all cardboard packaging for Carrefour brand food products are printed with vegetable-based ink (over 4,000 products)
- Replace polystyrene trays by PET or cardboard trays for fresh products and fast-moving consumer goods
- Replace plastic trays by cardboard trays for all frozen ready-made meals

25% 2025 post-consumer recycled content target across all plastic packaging used:

Through the French Plastics Pact, we committed to reach an average 30% of recycled material content in our private label product assortment.

Actions launched in France :

- Incorporate at least 50% of recycled plastic in Carrefour brand juice, soda and water bottles by 2022
- Make plastic films around Carrefour brand milk and water packs out of recycled plastic
- Make cashier reusable plastic bags out of plastic collected in our stores

**Note on volume: Calculation based on responses received from supplier surveys in France, Italy, Spain and Belgium, private labels only. Carrefour global plastic packaging volume is currently being determined and will be made public as soon as it is available.*

Kesko Corporation

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

We aim to reduce the amount of plastic in the packaging for our own brand products by 20% by the end of 2025. For example:

- **Stores without plastic bags:** K-Market Kalevantori's retailers together with other local K-retailers joined the "plastic free Kerava" initiative in spring 2018. The store now offers reusable, paper, and biodegradable bags to shoppers instead of plastic bags.
- In 2018 we introduced, in all our stores, a charge for plastic bags. This will support the EU packaging directive aiming to reduce annual consumption of plastic bags by 40% compared to 2017 level in Finland.
- In 2018, we removed microplastics from our own brand detergents.
- In 2019, we will introduce a plastic-free Pirkka Eko range of disposable tableware, and replace the plastic in Pirkka cotton buds with paperboard.
- Kesko is seeking replacement alternatives for PVC. The packaging for Kesko's own brand products does not contain PVC. Kesko's gift cards are also PVC-free.

Take action to move from single-use towards reuse models where relevant by 2025:

- In our procurement and distribution logistics, we use over ten million reusable plastic transport packages. This reduces cardboard packaging waste by around 4,000 tonnes per year.
- During 2019, we will continue to explore further opportunities for reusable packaging across our entire portfolio and supply chain
- Reusable bags, biodegradable bags and paper bags are available as alternatives to the small thin bags used for fruit and vegetables in all our stores.
- We are developing the multi-material packaging for our own brand products in an effort to make the separation and recovery of materials easier. Our target is that by 2025, 100% of plastic waste from its own operations is collected for reuse in all divisions.
- A store with a **deposit-based shopping bag system**: In K-Supermarket Hertta, a shopping bag is available at the checkout against a five euro deposit. With this system single-use plastic bags use can be reduced by as much as a million pieces a year.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

Our objective is that by the end of 2025, all packaging for our own brand products will be recyclable, reusable or compostable. For example:

- We provide alternatives to single-use plastic bags; reusable plastic bags (as well as cotton bags, jute bags, paper bags and circular economy plastic bags).
- We are constantly increasing the use of packaging made from recycled plastic for our own brand products. Our selection already includes for example Pirkka detergent bottles made from recycled plastic.
- During 2019, we will continue to assess our own brand packaging that is not recyclable in practice and at scale today and publish a roadmap to address each of these by 2025.

25% 2025 post-consumer recycled content target across all plastic packaging used:

We will reduce the use and promote the recycling of plastic packaging. For example:

- We offer our customers the most extensive RINKI eco take-back point network in Finland. Plastic is collected at 185 collection points at K-food store locations. Our aim is to have plastics recycling at the RINKI eco take-back points in all the other K-food store locations by the end of 2022.
- Our food stores receive and recycle some 120 million PET plastic bottles per year. The Pirkka (own brand) range has 43 products in PET bottles.
- We are constantly increasing the use of packaging made from recycled plastic for our own brand products. Our selection already includes Pirkka detergent bottles made from recycled plastic.

Additional commitments:

- Our Plastics Policy: https://www.kesko.fi/en/company/responsibility/sustainability-policies/keskos-plastics-policy-statement/

Marks and Spencer plc

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We are committed to only using plastic in our business where there is a clear and demonstrable benefit of doing so.
- With that in mind we have committed to removing over 1,000 tonnes of plastic packaging from our business by Spring 2019 with further reductions to follow.
- As an example we have already phased out 75 million pieces of plastic cutlery given out in its stores each year and replaced two million straws with paper alternatives.
- We're trialling removing plastic packaging from our occasion cards, saving nearly 640kg of plastic waste per year whilst also taking out plastic from the 367 million tea bags.

Take action to move from single-use towards reuse models where relevant by 2025:

- As one of the first retailers to charge for plastic bags in our Foodhalls, seven years ahead of regulation; today our customers use 80% fewer bags than in 2008 which equates to a saving of 4 billion bags.
- We've also introduced new multi-use carrier bags and stronger Bags for Life.
- We also have a mature Hanger reuse programme, having reused or recycled over 1.5 billion hangers to date and will continue to increase the number of hangers recovered relative to sales as we harmonise the range and improve our supply chain.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We are designing plastic out, replacing it with planet friendly alternatives and making sure that any plastic we do use will be 'widely recyclable' by 2022.
- As an example we have already started phasing out black plastic from products such as ready meals and fruit and vegetables and will extend this to fish, meat and poultry later this year.

• 30% 2025 post-consumer recycled content target across all plastic packaging used:

- As a key signatory of the UK Plastic Pact and as members of the CEFLEX consortium, we will meet and in some areas exceed our pledge to include at last 30% post consumer waste in all our plastic packaging by 2025 whilst creating a market and the ongoing need for the recycled materials.

Melco Resorts & Entertainment

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We will remove 100% single use plastic bottles provided in all staff areas by end of 2019.
- We will develop a roadmap to reduce single use plastic in guest areas by end of 2020. The scope of this roadmap will cover SUP, including amenity kits, garbage bags, plastic bottles, straws, disposable F&B containers and utensils.

Take action to move from single-use towards reuse models where relevant by 2025:

- We will remove 100% single use plastic bottles provided in all staff areas by end of 2019, and develop a roadmap to reduce single use plastic in guest areas by end of 2020.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- By mid 2019 we will have identified a full list of packaging in our portfolio that is not reusable, recyclable, or compostable and develop a roadmap to address these by 2025.

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

- By mid 2019, we will have understood the amount of recycled content across all of our existing plastic packaging and develop a roadmap to work with suppliers to increase recycled content in our packaging used by the end of 2023.

Additional commitments:

- The scope of this commitment includes items that Melco Resorts and Entertainment procures and has operational control over in Hong Kong, Macau, Manila and Japan.

METRO AG

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

At METRO, we have an Own Brand Packaging Policy in place for METRO AG Corporate, 15 METRO countries as well as 2 Trading Offices. Our overall goal is to optimize packaging use while transforming our environmental impact towards more resource efficiency. METRO AG commits to:

- Phase out PVC, PVdC and EPS from all our Own Brand packaging by 2023
- By end of 2019, identify the core difficulties (not existing alternatives on the market, supplier investments etc.) in eliminating PVC and PVdC for the remaining Own Brand packaging and plan to implement alternatives step by step.
- By end of 2019, identify the baseline of EPS packaging and a roadmap to address each of these.
- Further reduce our plastic packaging consumption by an additional 300 tons until the end of September 2023 from an October 2018 baseline. Packaging assessment will be implemented in all countries involved in the project, which means 200-500 SKU's per country will be reviewed in order to define projects, measures and timeline.

Take action to move from single-use towards reuse models where relevant by 2025:

METRO AG completed the METRO Commitment strategy at the end of September 2018.
By 2025, METRO AG will empower its customers to move into a future without single use plastics by:

- Providing reusable, recyclable and compostable alternatives
- Supporting our customers in this phase out
- Review of Own Brand single-use packaging portfolio following the principle of resource efficiency

Until mid of 2019, METRO AG will develop the transformation roadmap for the first 5 countries

- Status quo analysis and option assessment for alternatives, including reusable options
- Interview suppliers, customers, report

By the end of 2019, METRO AG aims to be a role model with the METRO Campus Düsseldorf by:

- Offering only biodegradable single-use solutions made from sugar cane and corn starch
- Offering reusable alternatives in canteens and coffee bar
- Advocating for and promoting the use of reusable alternatives by charging a sustainability fee for single-use products in canteens and coffee bar

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- By end of 2019, METRO AG aims to carry out packaging assessment workshops in 6 countries to apply methodology and review the local portfolio:
    - Replacing plastic material with suitable material alternatives
    - Using monomaterials where possible to improve recyclability, thus supporting the circular economy approach
- By end of 2019, we will have identified and published a list of packaging materials in our portfolio that is not recyclable in practice and at scale today and a roadmap to address each of these by 2025.

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

- We will analyze the current share of recycled components in our Own Brand packaging of corporate sourced products, starting with Near Food (cosmetic, washing/cleaning agents) and beverages by beginning of February 2019 to identify a starting point (02/2019), set a target (2025) and start the implementation.
- For the upcoming tenders in March 2019 for new products in the category of washing and cleaning agents we will increase the minimum share of recycled content in plastic packaging.

Additional commitments:

METRO AG also commits to:

- Collaborate with Own Brand suppliers and encourage them to join the New Plastics Economy Global Commitment.
- Develop collaboration, dialogue and build up strong partnerships with relevant actors of the plastic packaging value chain
- Continuous education of our 150,000 employees worldwide who reach their own families and our more than 24 million customers

S Group

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Microbeads are no longer used in our private label cosmetics and cleaning agents.
- We will investigate opportunities to reduce the amount of packaging material without loss of food quality
- We have prohibited the use of PVC in product packaging
- We have prohibited the use of oxo-degradable plastics in products and packaging.

Take action to move from single-use towards reuse models where relevant by 2025:

- We bring different reusable options for plastic carrier bags
- We will increase the use of reusable B2B pallets, boxes, crates, in our logistics between factories and stores
- We will investigate opportunities of reusable/refillable packaging for our private label non food products

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- The packages of our private label products will be full recyclable by the end of 2022
- We will add clear and simple sorting instruction to the packages of our private label products
- We will have eco take points for plastics in our supermarkets

30% 2025 post-consumer recycled content target across all plastic packaging used:

- We will increase the amount of recycled plastic in our carrier bags.
- We will have more packages made from renewable raw materials for our private label products.

Schwarz Group

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We analyse the entire private label portfolio of Lidl and Kaufland focusing on quick wins first. In the next step, we start a comprehensive redesigning process. The first major changes will be implemented by our suppliers by the end of 2020.
- We already phased out single-use carry bags in 11 organization units and are going to eliminate them in 5 more by end of 2019.
- We delist selected single-use plastic products (straws, cotton buds, cutlery and plates) in more than 25 countries by the end of 2019.

Take action to move from single-use towards reuse models where relevant by 2025:

- We started to analyse all internal processes, we search, develop and deploy reusable options and alternatives wherever possible and suitable.
- We will launch reusable bags for fruit and vegetable in several countries through 2019.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Our immediate goal is to close material loops and implement circularity, wherever possible. To pace this way, we started company-wide working groups to redesign and rethink our plastic packaging.
- To enable our suppliers we are going to launch a packaging styleguide for every part of the product range by the end of 2019.

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

-

Selfridges & Co

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Remove plastic cutlery from all stores in 2019
- Convert shrink wrap to LDPE in distribution centres in 2019
- Convert bag closure disc stickers to paper in 2019
- Create monthly packaging working group to review all aspects of packaging and review position annually

Take action to move from single-use towards reuse models where relevant by 2025:

- Introduce more internal water fountains to facilitate re-use
- Replace single-use garment covers with a reusable “shroud” for transit in 2019
- Actively seek out refill options from our beauty brands
- Refillable gin bottle from Selfridges in-house distillery

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Work with new suppliers to find home compostable alternatives to flex/film in Selfridges Selection packaging
- Introduce hanger recycling solution
- Investigate solutions to kimble tags
- PP bakery bags to convert to home-compostable cellulose bags

20% 2025 post-consumer recycled content target across all plastic packaging used:

- Introduce customer garment bag made of 100% rPET in 2019 (world exclusive)
- Replace PLA deli pots with rPET pots containing a minimum of 85% recycled content in 2019
- Replace virgin PET salad pots with minimum 85% rPET pots in 2019

Additional commitments:

- Remove plastic based glitter, balloons and wet wipes (in beauty halls)

Sonae MC

Plastic packaging volume: NOT DISCLOSED*

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Reduce or even eliminate the use of plastic materials of fossil origin either by reducing the thickness used for the same product or by replacing the type of materials used. • Investment in product eco-design; • Identifying all the private label packaging that contains PVC and polystyrene and make efforts to substitute these for recyclable alternatives.
- Some concrete short-term actions are: a) Reduction of 2/3 of the plastic in the packaging of battery packs (Q1 2019); b) Conversion of part of lighting bulbs range from plastic blister only into cardboard boxes (Q1 2019); c) Straws: Reinforcement of paper straws offer (Q2 2019); d) Elimination of all the plastic from cotton swabs (Q1 2019); e) Elimination of single-use plastic in the coffee shops operation (Q1 2019).

Take action to move from single-use towards reuse models where relevant by 2025:

- Increase product reusability levels.
- Some concrete short-term actions are:
  - Launch of the 2019 new collection reusable plastic raffia bags 100% recycled and recyclable plastic (1S19);
  - Monetary incentive to the re-use of the shopping bags used on Continente Online. A process of collection of the damaged bags was also implemented, with the respective shipment for recycling being ensured.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- The anticipation by 2025 of the European Union's 2030 ambition that all plastic packaging placed on the market be reusable or can be recycled in an economically efficient way;
- Replacement of all baking trays for recycled PET with a minimum of 50% recycled plastic, being totally recyclable (1st Half of 2019);
- Reduce the complexity of the fossil plastic materials used, namely multi-material products, and thereby contribute to a greater recyclability;
- The plastic sales bags will be replaced by 80% recycled plastic bags and liable to recyclability (Q1 2019).

20% 2025 post-consumer recycled content target across all plastic packaging used:

- Our overall ambition is to increase the incorporation of secondary (recycled) raw materials into new products, thereby reducing the use of virgin plastic materials. To do this we will:
  - Survey all our own brand products packaging, with the objective of defining intermediate metrics and incorporated action plan
  - Launch meat trays incorporating a minimum of 50% recycled content;
  - Launch two new house cleaning products in 100% recycled packaging (2019);
  - Launch 100% recycled private label trash bags (2019).

Additional commitments:

- The target of recycled content will be adjusted by the end of 2019, after the assessment phase.

**Note on volume: Sonae MC's plastics packaging volume will be assessed by the end of 2019.*

Target Corporation

Plastic packaging volume: NOT DISCLOSED*

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Target is working to eliminate expanded polystyrene plastic form owned brand packaging by 2022

Take action to move from single-use towards reuse models where relevant by 2025:

-

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Target will add the How2Recycle label to all owned brand packaging by 2020 (where space allows).
- To create the business case to recycle, Target commits to create three new end markets for recycled materials by 2020.
- To address current packaging with limitations to recyclability in the US, but serve necessary purpose and alternatives are non-viable, Target commits to collaborative industry engagement (e.g. MRF of the Future project)

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

- Target is conducting an audit of all owned brand plastic packaging by mid-2019. Results of audit will inform goal setting to increase the use of recycled content in our owned brand plastic packaging.

**Note on volume: Target is conducting an audit of all owned brand plastic packaging in 2019. Results of audit will inform plastic packaging volume reporting.*

Walmart Inc.

Retailer Scope: Private Brand Packaging

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We will screen our in scope private brand plastic packaging portfolio by 2020 and publish a list of the types of plastic packaging that Walmart is targeting for re-design for recyclability
- We are actively looking for solutions to reduce and eliminate polystyrene from in scope private brand plastic packaging, and are working with private brand suppliers on development of alternative solutions for food trays and structural packaging for general merchandise

Take action to move from single-use towards reuse models where relevant by 2025:

- We will make reusable bags more easily available for purchase by our customers globally
- We will continue to work to reduce plastic bags, encouraging associates to use less bags when bagging

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We have set a goal to have 100% of our in scope private brand packaging be recyclable, reusable, or compostable by 2025.
- We will publicly share preferred material guides for our highest volume plastic packaging formats (that are circular by design) for our suppliers to guide them on designing sustainable packaging.
- We will publicly share success stories on walmartsustainabilityhub.com

17% 2025 post-consumer recycled content target across all plastic packaging used:

- We have set a goal to use 17% recycled content for our in scope private brand plastic packaging by 2025 (average by volume)
- We will start with 3 impactful areas, working to establish a baseline and improve plans. We will publicly share where we are focusing and success stories on walmartsustainabilityhub.com

Woolworths Holdings Limited

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We have committed to eliminating unnecessary single use plastics items by 2020 (including shopping bags, drinking straws, cutlery, plastic-stemmed cotton swabs)
- Ensuring that unnecessary packaging is eliminated
- By 2022 all our own brand packaging will be reusable and/or recyclable

Take action to move from single-use towards reuse models where relevant by 2025:

- By 2022 all our own brand packaging will be reusable and/or recyclable.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- By 2022 all our own brand packaging will be reusable and/or recyclable
- Ensuring that unnecessary packaging is eliminated.
- Embarking on a programme of designing packaging with end of life in mind

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

- We will set a 2025 target for the average percentage recycled content across all our plastics packaging by Q2 2019.

A.2.B RETAIL AND HOSPITALITY - BELOW USD 1BN ANNUAL REVENUES

NEW PLASTICS ECONOMY

Global Commitment

UN environment
United Nations Environment Programme

Algramo

Plastic packaging volume: 50 metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Algramo will strive to design out problematic or unnecessary plastic packaging
- Plastic provides many benefits and is likely to remain a primary packaging material. But we are open to testing other packaging materials and letting customers/brand partners decide alternative packaging materials
- Algramo's focus is on reusable packaging with maximum durability
- Reuse of packaging will replace need for problematic or unnecessary plastic

Take action to move from single-use towards reuse models where relevant by 2025:

- By 2020, 90% of Algramo's products, sold under Algramo name, will be in reusable packaging
- By 2025, 100% of Algramo's products, sold under Algramo name, will be in reusable packaging

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- By 2020, 90% of Algramo's containers will be recyclable at end of life, Algramo aims to reach 100% recyclability by 2025
- We will strive to catalyze a movement towards packaging designed for maximum reuse that is customized for brand partners

10% 2025 post-consumer recycled content target across all plastic packaging used:

- Algramo is focused on providing quality packaging with maximized reuse and high UX.
- Algramo will incrementally increase recycled content without reducing container performance.
- Algramo is committed to recycling 100% of its end-of-life packaging by 2020.

Additional commitments:

- Algramo is not officially a recycling company. However, indirectly Algramo is a recycling company, as we take responsibility for our packaging waste. We donate all thin film plastic, from shipping, to a local recycling micro-entrepreneur, who turns our thin film plastic into garbage bags.

Ecopod

Plastic packaging volume: **>1** **metric tonnes**

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We have innovated refill technology designed to dispense cleaning and personal care products into reusable containers.
- We place our EcoPod refill kiosks in residential complexes for free and distribute starter packs of the products to all residents to encourage use.
- We are finishing up our pilot test with 4 initial units and will be expanding starting in 2019 throughout the U.S., and eventually worldwide in both residential and retail areas.
- We manufacture our own products for use in the Ecopod, but our patent license is available to any company that wishes to use the technology to drastically reduce their reliance on plastic packaging.

Take action to move from single-use towards reuse models where relevant by 2025:

- We are already established as a reuse model, encouraging consumers to continuously refill their cleaning and personal care products with reusable containers.
- The canisters in the back of the machine that hold the products are also refilled for continuous use.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- All of our packaging is designed and intended to be reusable. We distributed starter packs with plastic containers for our pilot trial, but have decided to phase out plastic containers in favor of aluminum beginning in 2019.

N/A 2025 post-consumer recycled content target across all plastic packaging used:

- We will source aluminum containers as we move out of our trial phase into expansion for 2019.

Life Without Plastic

Plastic packaging volume: 0 **metric tonnes**

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- All our outgoing packaging for retail and wholesale order shipments (we regularly ship all over the world) is 100% plastic-free, and has been for over a decade. This has always been a key element of our business model. Our challenge now is to eliminate any plastic packaging from our suppliers (for our own branded products and other brands we sell).
- Short Term -- Two procurement strategies we are employing as of 2019 are:
  a) Requiring in the written contracts we have with suppliers that there be no plastic packaging in products we source from them, or at least that the packaging be reusable, recyclable or compostable.
  b) Ensuring that the order shipment is in fact free of plastic packaging, or at least that the packaging is reusable, recyclable or compostable through third party verification or withholding of part of the balance payment.
- Long Term (by 2025) -- To not receive any plastic packaging from our suppliers.

Take action to move from single-use towards reuse models where relevant by 2025:

- Not applicable, as we do not currently offer single-use items in our product line. Our focus is durable reusable items.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- As explained above, we are working with our suppliers to ensure all packaging in products we source is plastic free or at least reusable, recyclable or compostable.

50-100% 2025 post-consumer recycled content target across all plastic packaging used:

- Working with our suppliers, beginning by implementing the procurement strategies indicated above.

MIWA (MInimum WAste)

Plastic packaging volume: 0* metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- By implementing our technology in stores and putting more and more producers and retailers into the MIWA system, we will create conditions to eliminate plastic single-use packaging in the area of FMCG. We will actively inform and engage producers and retailers to transfer to the reusable packaging.

Take action to move from single-use towards reuse models where relevant by 2025:

- MIWA system is based on reusable capsules. By 2025, the capsule will be made from 100% recyclable material and we will fully control the whole process of the capsules' circulation and collection in order to ensure recycling of at least 95% of the capsules used. Gradually we will increase the recycled content of the plastic out of which is the capsule made of.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

-

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

- Unable to disclose exact number yet

Additional commitments:

- Together with the University of Chemistry and Technology, Prague we have carried out LCA of MIWA system. We will continuously measure the environmental impact of the MIWA system and we will openly share the results will all stakeholders.

** Note on volume: At the moment of filling out this document, MIWA hasn't started producing yet, therefore we cannot provide the volumes now.*

Zero Waste Shop Moscow

Plastic packaging volume: 0 **metric tonnes**

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Launch a delivery of food in reusable containers
- Open new Zero Waste Shops stores in Moscow

Take action to move from single-use towards reuse models where relevant by 2025:

- Distribute the idea of reusable model in events, social media, ads
- Participate in partners' events with lectures and seminars to deliver the idea to people
- Find multiple use alternatives for goods and start selling these in Zero Waste Shop in Moscow

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- All of our packaging is already recyclable
- Ask for suppliers to send us goods and food plastic free/ in reusable/compostable package

100% 2025 post-consumer recycled content target across all plastic packaging used:

-

A.3 PACKAGING PRODUCERS

NEW PLASTICS ECONOMY

Global Commitment

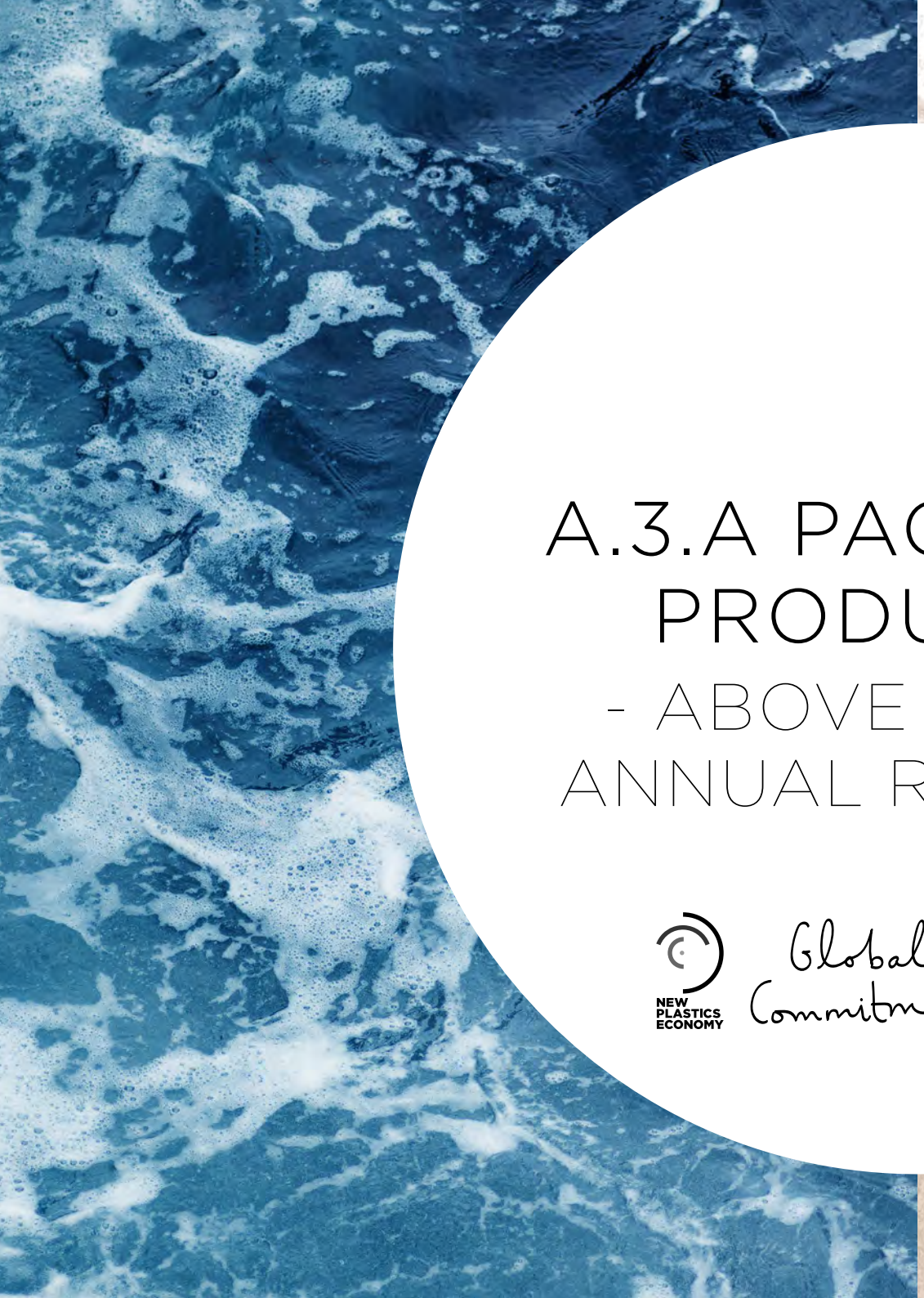
UN environment
United Nations Environment Programme

Packaging producer commitments:

All packaging producers that are signatories to the Global Commitment:

1. Endorse the Global Commitment's common vision
2. Make the following individual commitments (where 2025 refers to December 31, 2025):
    a. Take action to eliminate problematic or unnecessary plastic packaging by 2025
    b. Take action to move from single-use towards reuse models where relevant by 2025
    c. 100% of plastic packaging to be reusable, recyclable, or compostable by 2025
    d. Set an ambitious 2025 post-consumer recycled content target across all plastic packaging used
3. Commit to collaborate towards increasing reuse/recycling/composting rates for plastics
4. Report annually and publicly on progress towards meeting these commitments, as well as on annual volumes (tonnes) of plastics production/use (the latter is used for aggregation purposes only, but individual public disclosure is encouraged).

Note: the commitments are the same for packaged goods companies, retailers, hospitality and food service companies and packaging producers



A.3.A PACKAGING PRODUCERS - ABOVE USD 1BN ANNUAL REVENUES

NEW PLASTICS ECONOMY

Global Commitment

UN environment
United Nations Environment Programme

ALBEA

Plastic packaging volume:	NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:	Take action to move from single-use towards reuse models where relevant by 2025:
-	-

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:	10%	2025 post-consumer recycled content target across all plastic packaging used:
-		-

ALPLA Werke Alwin Lehner GmbH & Co KG

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- ALPLA Werke Alwin Lehner GmbH & Co KG (ALPLA) will publishing yearly three packaging solutions by reducing the weight of the packaging and keeping the packaging solutions a 100% PVC free.

Take action to move from single-use towards reuse models where relevant by 2025:

-

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Plastic packaging solutions produced by ALPLA will be a 100% recyclable by 2025. ALPLA will do this by continuously considering and implementing design for recycling and related guidelines.

25% 2025 post-consumer recycled content target across all plastic packaging used:

- In order to use 25% recycled content for our packaging on average ALPLA provides a budget of plus 50 million euro to enhance and support our recycling activities now and in future.
- To achieve this 25% target by 2025 ALPLA aims for 10% recycled content for our packaging on average by 2020, 15% by 2022 and 22% by 2024.

Additional commitments:

- ALPLA also made commitments as a recycler.

Note: ALPLA Werke Alwin Lehner GmbH & Co KG has additional commitments detailed under the ‘Collection, sorting & recycling industry’ category

Amcor

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Primary packaging plays a necessary role in protecting products and consumers and reducing food waste. One of the most effective ways to improve a package's sustainability profile is to reduce the amount of raw materials used to construct it. Amcor pushes the limits with innovative designs and materials to achieve lightweighting and downgauging, reducing costs and improving sustainability while maintaining performance. As part of our commitment to make all packaging reusable, recyclable, or compostable Amcor is taking action to eliminate our use of materials that cannot be recycled.

Take action to move from single-use towards reuse models where relevant by 2025:

- Amcor currently produces reusable and refillable PET containers, including beverage bottles for markets where refill programs exist. We are actively working to improve and expand reuse where applicable for products and markets.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- At Amcor's Sustainability Centre of Excellence we are adding pilot lines and accelerating innovation: testing technologies and materials, and executing fast to meet ambitious commitments shared with customers.
- In 2018, we achieved a breakthrough: a polyolefin-based film that provides the performance, barrier protection and heat tolerance without compromising packaging function and product shelf-life, and it's suitable for existing polyolefin recycling streams.

10% 2025 post-consumer recycled content target across all plastic packaging used:

- Approx. 3% of polymers used were PCR materials. In FY18, we developed several new products containing PCR resins, including the Method dishwasher detergent pack (20% PCR and recyclable at Store Drop) and Nature's Promise Hand Wash Bottle. Amcor experts continue to collaborate with customers and suppliers on solutions for increasing the use of PCR in packaging.

Additional commitments:

- Our global and regional partnerships aim to identify and implement viable, practical, and economic solutions to increase recycling and recovery for all Amcor packaging : Recycling Partnership, CEFLEX, MRFF and REDCycle. We have an 18-year partnership with the Earthwatch Institute, a non-profit which connects Amcor employees with top scientists to participate in sustainability-related research.

PACKAGING PRODUCER

AptarGroup Inc.

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

We will screen our entire plastic packaging portfolio by end of 2019 and issue a list of:

- problematic plastics materials that may prevent the recycling and corrective actions to drastically reduce their use by 2025;
- actions to promote the lightweight design to eliminate unnecessary plastic by 2025.

Take action to move from single-use towards reuse models where relevant by 2025:

- We will optimize the B2B reuse practices for pallets and boxes in our logistics between our factories and suppliers.
- We will continue to explore opportunities for the development of innovative business models related to circular economy across our entire portfolio and supply-chain.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- By end of 2019 we will have identified a full list of packaging in our portfolio that will be ready to shift towards recyclable scenario (in practice and at scale) by 2025.
- We are assessing potential solutions in order to get a plan ready by end of 2019 in order to roll out recycling-ready solution by end of 2020.

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

- We are currently working with potential suppliers to find solutions to increase recycled content in the product portfolio considering regulatory constraints and health and safety regulations.
- We are carrying trials to identify post consumer resin to fit market needs. By end of 2019 we will have identified and set recycled content target in our product portfolio.

Additional commitments:

- We are currently working with plastic recyclers alliance in order to improve the design of our product in compliance with Design for Recycling principles to maximize the recyclability (in practice and at scale) of our portfolio at end of life

PACKAGING PRODUCER

Arca Continental

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

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Take action to move from single-use towards reuse models where relevant by 2025:

-

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

-

20% 2025 post-consumer recycled content target across all plastic packaging used:

- Increase with 18%, from 17% to 20% the recycling content in all PET one way bottles used globally

Coca-Cola FEMSA

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- In alignment with the World Without Waste initiative of Coca-Cola Company we have the goal to make all consumer packaging 100% recyclable by the year 2030 and aspire to create packaging that includes at least 50% recycled material.
- We also foster research to develop lighter packaging that requires fewer raw materials. Since 2011, our light weighting projects have saved more than 25 thousand tons of PET.

Take action to move from single-use towards reuse models where relevant by 2025:

- Traditional returnable packages (glass and PET) play a critical role in our markets today, the percentage in volume of sparkling beverages that use returnable packaging in our countries are: Mexico 36%, Central America 44%, Argentina 26%, Brazil 18%, Colombia 35%. In Coca-Cola FEMSA we will maintain and increase this packaging option according to our consumers preferences in the following years.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- As mentioned above, we have set goals in this area through the World Without Waste initiative. PET (polyethylene terephthalate) is the predominant plastic we use in primary consumer packaging, which is virtually 100% recyclable today. For example in 2017 we launched a new bottle made of 100% recycled resin for all of our one-way PET presentations for Ciel water in Mexico.

25% 2025 post-consumer recycled content target across all plastic packaging used:

- In 2017, we successfully integrated an average of 21% of recycled PET resin into the production of our PET presentations.
- Our goal is to incorporate 25% recycled material in our PET packages by 2020. In addition, through the World Without Waste initiative, we have set a goal to have at least 50% recycled PET resin in our packaging by 2030. For over 15 years, we have collaborated with other food and beverage companies through ECOCE, to promote collection of waste, and the creation of a national market for recycling. In 2018, ECOCE collected 58% of the total PET waste in Mexico.

Additional commitments:

- Every year our associates, their families and friends participated in volunteer activities to clean-up water bodies and other affected area, an initiative in which we partner with FEMSA Foundation and NGO's, for example, Ocean Conservancy.

PACKAGING PRODUCER

Constantia Flexibles

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- By applying agreed design guidelines and strengthening development efforts, we will advance new innovations to overcome the challenges of problematic (plastic) packaging and aim to eliminate materials such as e.g. PVC and flexible PET. By enabling mono-materials to match functionality of multi-materials, complex multi-layer structures that cannot be recycled will be avoided where possible.

Take action to move from single-use towards reuse models where relevant by 2025:

-

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Constantia Flexibles pledges that 100% of its consumer and pharma packaging will be recyclable by 2025.
- We will screen our entire packaging portfolio continuously to identify non-recyclable structures and develop a roadmap to address each of these. Future product innovations will focus on the implementation of design guidelines and maximized compatibility with Polyolefins (PO) recycling to develop specifications which are recyclable – in practice and on a commercial scale.

≤5% 2025 post-consumer recycled content target across all plastic packaging used:

- Constantia Flexibles aims to increase the recycled content share in its secondary packaging.
- Due to legal constraints, such as food contact regulations, Constantia Flexibles cannot use recycled content in its products. Depending on future legislation and developments, Constantia Flexibles aims to increase the share of recycled content in its products - where legally and technically possible.

PACKAGING PRODUCER

Greiner AG

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Continuous discussions with customers on reducing the use of granules in order to further avoid / reduce material

Take action to move from single-use towards reuse models where relevant by 2025:

- Currently no projects running

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Assessment of recyclability of all product groups in 2019
- Make changes to product design of those products with limited recyclability
- Incorporate recyclability assessment into product development process
- Test of compostable materials and monitoring of market opportunities

10% 2025 post-consumer recycled content target across all plastic packaging used:

- Ensure that Greiner has access to high quality and high volumes of recycled content
- Greiner is currently in discussion with different customers to replace PP/PE virgin material with R-PET
- By 2025 use of 10 percent recycled content in on average by weight (where possible and accepted)

-

PACKAGING PRODUCER

Logoplaste

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Applying lightweight/"rightweight" programs, design for recycling, biomimicry thinking (innovation inspired by Nature) and other innovative design tools to improve the environmental profile of the packages; Use of raw materials with established recycling streams; We will work together with our suppliers and customers in order to design and produce plastic packagings with improved environmental profile.

Take action to move from single-use towards reuse models where relevant by 2025:

- We will design and produce reusable packaging when applicable. Regarding single-use packaging, like beverages containers, Logoplaste considers the Deposit Return Systems a useful tool to collect high quantities of empty beverage containers for reuse and high quality recycling.
- Logoplaste will support the implementation of DSR in the countries where operates before governments, industrial peers, employees, communities, media...

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Design for recycling, use of raw materials with established recycling streams, design of reusable packages when applicable, engagement with key suppliers, customers and other actors in the supply chain to develop, evaluate and validate new and/or alternative raw materials and recycling technologies (mechanical and chemical).

30% 2025 post-consumer recycled content target across all plastic packaging used:

- The percentage of incorporation of recycled content will be defined by our customers and will be set case by case and according to their commitments. We will guarantee at least the minimum recycled content in plastic packaging set by the EU or set by Plastics Pacts/Other Commitments endorsed by our customers or by us.
- We will work with our raw material suppliers and recyclers to develop, evaluate and validate recycled raw materials and recycling technologies. We will inform our Customers on the available alternatives in terms of recycled raw materials and we will work with them to incorporate these raw materials in their products in a correct and balanced way.

Mondi

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Mondi is a leading player in the global paper and packaging industry. Utilising our expertise across fibre and flexible plastics packaging solutions we aim to find the best fit for purpose packaging according to the characteristics of the packaged good. This will help to eliminate problematic or unnecessary plastic in packaging while ensuring appropriate use of plastic functionalities where essential.

Take action to move from single-use towards reuse models where relevant by 2025:

- Mondi will invest in research capacities and explore alternative design functionalities to enhance reusability of flexible packaging. Together with all players along the value chain we will actively investigate options that make a reuse system reality. Mondi is committed to explore and create reuse models where relevant.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- As a converter of flexible packaging we are taking action to achieve design for reuse, recyclability or compostability. This is supporting industry wide change to facilitate the transition to a circular economy.
- Mondi is committed to work with all players along the value chain as achieving this target will be dependent on combined efforts of FMCGs, end-users, recycling infrastructure and availability (quality and quantity) of recycled materials.

25% 2025 post-consumer recycled content target across all plastic packaging used:

- Increasing the use of recycled content is an essential part of Mondi's commitment. We will work towards reformulating our products to include post-consumer waste where this material is available in the correct quality and volume. To ensure safety of the product and legal compliance the use of recycled material will be assessed for each application. We will actively encourage its use and will continue to collaborate with other companies and stakeholders along the value chain to make this target become an achievable reality. Mondi is committed to use the highest amount of recycled content possible, where the appropriate quality and quantity of material is available, where there is minimal reduction in functionality and processing with no reduction in health and safety compliance.

Additional commitments:

- Mondi is dedicated to finding the most sustainable packaging solution possible for every product. By combining our expertise in flexible plastics and our innovative paper technology we are committed to creating sustainable packaging solutions, including flexible plastic packaging solutions where product characteristics require certain functional properties.

PACKAGING PRODUCER

Sealed Air Corporation

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

Sealed Air will introduce innovative recyclable packaging alternatives to polystyrene foam for food, distribution and e-commerce packaging applications and will continue to identity and eliminate unnecessary packaging. Recent progress:

- Introduced Korrvu®, a corrugate-based suspension packaging system to replace EPS
- Introduced CT shrink display films, utilizes innovative microlayering technology to reduce thickness by nearly 50%
- Polypropylene food trays, foam food tray replacements that can be collected curbside

Take action to move from single-use towards reuse models where relevant by 2025:

Sealed Air will expand innovative reusable alternatives for primary or secondary packaging for distribution or e-commerce applications, and will introduce innovations that facilitate reuse of packaging for product returns and reverse logistics. Recent progress:

- Introduced a new Bubble Wrap® that is inflated at point of packaging. In addition to transport savings, it also is engineering to be strong enough for multiple use cycles, including return shipping.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

Sealed Air will design and advance our innovative packaging solutions to be 100% recyclable or reusable by 2025 while continuing to provide efficient and effective product protection. Recent progress:

- First company to use SPC's How2Recycle label for ecommerce packaging, starting with Fill-Air® void fill pillows
- Introduced sustainability scorecard into innovation & design process to accelerate design and formulation advances

30% 2025 post-consumer recycled content target across all plastic packaging used:

Sealed Air will accelerate our use of recycled materials in our plastic packaging, and set an ambitious target of 50% average recycled content by 2025 across all our packaging solutions, of which 60% is post-consumer recycled content. Recent progress:

- Introduced Darfresh® food trays and bottom webs made with post-consumer PET
- Invested in polyethylene foam fabricators to enhance recycle of fabrication scrap and to expand consumer take-back programs

Additional commitments:

- Sealed Air will lead collaborations with partners worldwide to increase recycling and reuse rates. Recent progress include joining the Alliance to End Plastic Waste, to work alongside other value chain members to accelerate action on plastics waste.

PACKAGING PRODUCER

Swire Beverages Ltd

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

-

Take action to move from single-use towards reuse models where relevant by 2025:

-

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Swire Beverages will follow the World Without Waste Commitments of The Coca-Cola Company. These state that the System will:

  DESIGN
  - aspire to create packaging that is at least 50% recycled material by 2030
  - continue working to make all primary consumer packaging 100% recyclable by 2025

5% **2025 post-consumer recycled content target across all plastic packaging used:**

- To add some context. Today, in Mainland China and Taiwan, 2 of our 4 markets, current laws forbid the use of recycled material in food grade primary packaging. In Hong Kong and the US this is allowed, and we expect to have all water in Hong Kong in 100% rPET by early 2019. Going forwards we would hope to have 25% rPET across our carbonated PET ranges. In the US, we hope to start using rPET, but timeline unknown. Subject The Coca-Cola Company.

PACKAGING PRODUCER

TC Transcontinental

Plastic packaging volume: 330,000 metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We will continue to explore further opportunities to move multi-material flexible packaging to mono-material, where technically feasible
- We will collaborate with our supply chain to downgauge film without losing physical properties
- We will reduce the amount of plastic waste coming from our flexible packaging and printing operations.

Take action to move from single-use towards reuse models where relevant by 2025:

- In 2019, we will do an inventory of the single-use plastics used as a support to our printing and packaging manufacturing operations (e.g. strapping, shrink wrap, etc.).

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Multi-material flexible packaging is the main non-recyclable packaging type in our portfolio. In 2019, we will develop an action plan to structure our R&D efforts to overcome technical challenges linked to recyclability
- In 2019, continue our R&D work with compostable products to develop compostable solutions to complement our current compostable offering
- In 2019, we will continue to find alternatives to landfill for the plastic waste generated by our flexible packaging operations.

10% 2025 post-consumer recycled content target across all plastic packaging used:

- We will collaborate with our supply chain to work towards overcoming the technical and financial challenges linked to post-consumer recycled content in our product basket (e.g. food grade, price, quality, consistency).

Tetra Pak

Plastic packaging volume: 721,000* metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We will launch a paper straw in 2019. We expect to industrialise production on a scale that will meet global demands by 2025

Take action to move from single-use towards reuse models where relevant by 2025:

- Our business model does not include reusable packages.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We will increase the recycling for PolyAl – the non-fibre components of a beverage carton - both when they are recycled as a blend and when they are recycled separately.

2% 2025 post-consumer recycled content target across all plastic packaging used:

- We will incorporate a minimum of 10% recycled plastics content on average across our beverage cartons sold in Europe by 2025, subject to suitable food-grade recycled plastic is technically and economically available.
- We will use recycled plastics for secondary packaging and distribution material.

Additional commitments:

- Further details about our commitment and contribution to a circular economy on www.tetrapak.com

**Note on volume: Total of 690,000 tonnes fossil fuel and 31,000 tonnes biobased plastic, 2018*

ValGroup

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Optimising packaging design
- Reusable stand-up pouches, containers, etc.
- Lightweight Recycled Plastic Pallets
- Nanotechnology to simplify packaging structure
- Downgauging studies
- Load Test Centre - rational use of plastics
- Pre-Stretched and EcoStretch Films

Take action to move from single-use towards reuse models where relevant by 2025:

- We will invest in mechanical and chemical recycling
- A 5-year investment plan has been approved
- Final investment Decisions to take place in 2 years
- Investments in reusable plastics e.g. plastic pallets
- Our facilities will be located in key regions
- Technologies for hard-to-recycle plastics
- Robust circular economy

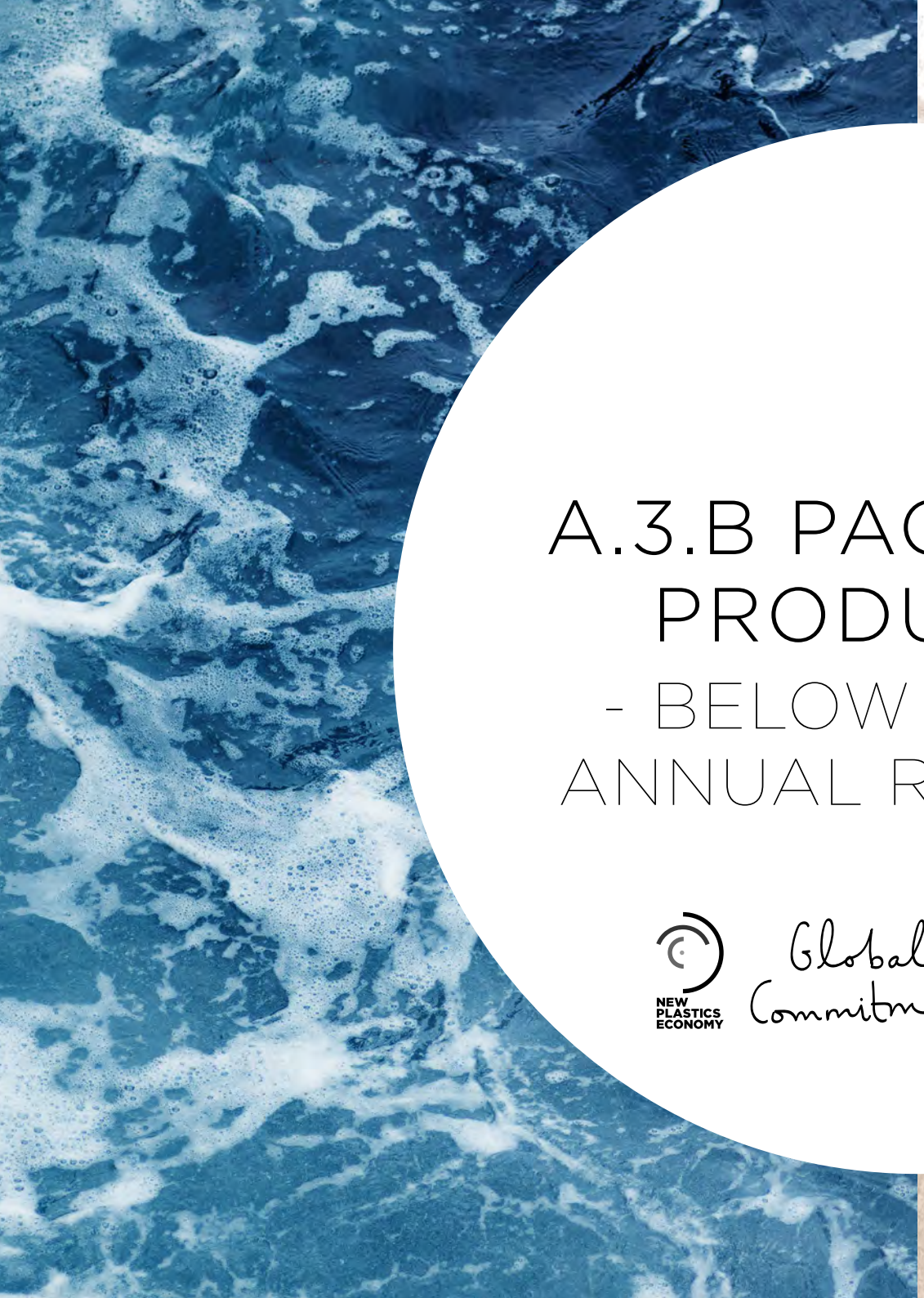
100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Developing groundbreaking compostable packaging
- Ongoing tests
- In line with international codes
- Structure simplification

25% 2025 post-consumer recycled content target across all plastic packaging used:

- Setting up new recycling facilities
- Investing in chemical recycling
- Setting up new bottle-to-bottle facilities
- Setting up chemical recycling plants in key locations
- Increasing our capacity to recycle plastics mechanically e.g. bottle-to-bottle
- Setting up pyrolysis plants in key locations

Note: ValGroup has additional commitments detailed under the ‘Durable goods producers’ category



A.3.B PACKAGING PRODUCERS - BELOW USD 1BN ANNUAL REVENUES

NEW PLASTICS ECONOMY

Global Commitment

UN environment
United Nations Environment Programme

PACKAGING PRODUCER

Bell Holding

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Reviewing all stages of Packaging Production to identify problematic and unnecessary plastic use by Q4 2019
- Eliminate all problematic or unnecessary plastic packaging under our internal control by end 2020.
- Work with our customers to eliminate all problematic and unnecessary plastic packaging by 2025, in line with the commitments of our Customers.
- Improve efficiency in our Production processes to reduce the Plastic waste it generates. This is continuous and ongoing.

Take action to move from single-use towards reuse models where relevant by 2025:

- Partnering with our Turkish and Multinational customers to develop and implement multi-use Packaging designs for the FMCG sectors in which we operate in line with their commitments.
- Eliminate Single use plastic items within our factories and offices by end 2020.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Promoting the adoption of these Targets within the Turkish Plastic Packaging Producers Community through Plastic Association presentations and Peer group influencing.
- Working with our Customers to move to designs that are easier to recycle or re-use (such as mono layer bottles).
- Direct involvement in the physical collection, sorting and recycling of Plastics through investment or financial support to help the sector develop in Turkey

25% 2025 post-consumer recycled content target across all plastic packaging used:

- The active replacement of virgin Plastic feedstocks through our Customer technical approval processes in line with their commitment.
- Sharing our targets with our customers and encouraging their participation in the New Plastic Economy Global Commitment.

BioPak Pty Ltd

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Raising awareness amongst consumers and brand owners about the environmental impact of single use plastic food-service packaging and promoting non-plastic alternatives.

Take action to move from single-use towards reuse models where relevant by 2025:

- Promoting reusables as the most sustainable and preferred solution wherever possible. Educating consumers and brand owners about the environmental impact of single use disposables. Investigate practical, scalable and commercially viable solutions to distribute and recirculate reusable foodservice products.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Developing and promoting compostable bio based alternatives to conventional non-recyclable plastic packaging. Work together with industry bodies, local councils and the waste collection and recycling industry to ensure products that are compostable and recyclable are being recycled and composted locally. Phase out all remaining fossil based plastic products in our portfolio by 2020.

25% 2025 post-consumer recycled content target across all plastic packaging used:

- Replacing all plastic sleeves used to transport and protect products with a compostable alternative.
- Work with our manufacturing partners to source a food safe solution with at least 25% recycled content for our products.

PACKAGING PRODUCER

CupClub Limited

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Providing CupClub™ packaging-as-a-service to brands, retailers and businesses to replace single-use cups. We will be expanding on this operation to include other product packaging categories in the future as well to include food boxes, food pots and drinks bottles.

Take action to move from single-use towards reuse models where relevant by 2025:

- Providing CupClub™ as a service which provides returnable packaging tracked through RFID technology, optimised for a minimum of 132 uses.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Providing CupClub™ service eliminates single-use packaging altogether for brands, retailers and businesses. All our returnable packaging is carried in our returnable cases avoiding outer packaging entirely.

50% 2025 post-consumer recycled content target across all plastic packaging used:

- We are aiming for a target of 50% of all plastics used to be from recycled content.
- Producing all our products from at least 50% recycled content (if not more) where achievable. Possibly following the provenance of CupClub™'s own plastics to reintroduce into new products.
- 70% collected through our returnable packaging system.

Additional commitments:

- Invest into further developing our returnable packaging system, improve operational growth, add new product categories and expand internationally. Working with brands and retailers to develop their packaging needs to be optimal for use across our club system.

PACKAGING PRODUCER

Custompak Plastic Products 1997 ltd

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We will by 2025 eliminate all plastic that is not recyclable or being recycled inside of New Zealand.
- We will do this by working with recyclers and councils and key large businesses to take back clear pet and turn it into rPet.
- One of these streams will commence sept/oct 2019

Take action to move from single-use towards reuse models where relevant by 2025:

- We will do this by installing a pet washing plant in our Christchurch branch south island NZ. The first part of this plant will be up and running by end 2019.
- A new extruder will also be purchased in 2019 to be able to extrude our own sheet made from pet and washed pet.
- Funding is being sought right now for other parts needed to be able to extrude 100% recycled rPet in 2020.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Working with recycling centers and key companies to take back used pet, wash it and extrude and thermo form back into our products by end 2020
- Making our products recyclable and recycled.
- Make our products meet this standard by 2025.

50% 2025 post-consumer recycled content target across all plastic packaging used:

- We will use 50% recycled content on average (by weight) across all our products by 2025
- We have started using this year on average 20% recycled content across all our products
- This will increase to 30% by 2021

Detpak

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Commercialise a next generation lining to reduce the amount of polyethylene plastic used to line paper and board substrate food service packaging. This will mean that paper and board food packaging such as noodle boxes, burger clams and food trays will be commercially recyclable to reclaim the precision paper fibres that can be recycled up to seven times according to the USA EPA. This includes establishing a commercial end to end collection and recycling system.
- Reduce the use of plastic in the protective product packaging ex factory in the first instance and replace where possible with recyclable material, or integrate recycled content in plastic where practical packaging is still required.

Take action to move from single-use towards reuse models where relevant by 2025:

- Promote the Waste Hierarchy top tiers "avoid, reduce, reuse, recycle" as part of the circular economy to our customers and where single use packaging is required, champion recycling as the best option, so the valuable material components stay within the loop. Assist our customers in the transition away from plastics to reach their 2025 targets ahead of schedule.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Review the businesses value chain to remove plastic and replace with solutions that support a circular economy This will include manufacturing, sales and logistics operations.

30% 2025 post-consumer recycled content target across all plastic packaging used:

- In the first instance we will review our plastic use at the point of production and transport, and eliminate any non-essential applications. In the second instance we will replace traditional plastic linings with recyclable alternate coatings and reduce the amount of plastic being used. The final stage is to review all remaining plastics and innovate to include recycled plastic content where possible,in line with food safety standards. Stage 1 will be complete by 2020, Stage 2 will be complete by 2021, Stage 3 will be complete by 2022.

Additional commitments:

- The Detmold Group will work with key customers to implement the Global Commitment ahead of the 2025 deadline.

Dynapack Asia

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Dynapack Asia will review with its customers how our products are delivered to their factories, and ways to reduce overall secondary packaging and eliminate what is not critical to ensure quality, safety or hygiene.
- In case packaging is still required, we will evaluate ways of sourcing recycled materials and/or make sure what we use is 100% recyclable or compostable.

Take action to move from single-use towards reuse models where relevant by 2025:

- Most of our products are Rigid Packaging and could be reused several times. We will study with customers the few single-use products and see how we could propose better alternatives.
- Using recycled resins will also be an important pillar in building a more circular Plastic Economy, as detailed in our 25% ambition below.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Review of all current products: in-progress, 80-85% recyclable estimated in Dec. 2018, some further clarifications required on fillers (calcium carbonate, specific masterbatch).
- Start alternative study for non-recyclable products: Q2 2019
- Engagement with customers: for new solutions: from 2020
- Deployment of alternatives: 2021-2025

25% 2025 post-consumer recycled content target across all plastic packaging used:

- In 2018, we just used 2% of recycled resins.
- We will target to x3 for 2020 (6%) then reach more than 25% by 2025. A major launch in Q2 2019 will help us increase this %, and we have the following detailed intermediary targets:
    - rPET to 25% in 2020
    - rHDPE to 5% in 2020
    - rPP to 5% in 2020

Additional commitments:

- Dynapack Asia is actively participating in the study and creation of a New Plastic Economy in South East Asia, where plastic packaging pollution is a major issue and we are a major packaging converter.
- We also engage in other initiatives, such as the Alliance to End Plastic Waste and partner with local suppliers or customers.

PACKAGING PRODUCER

Envases Universales de México

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Providing support to our customers with guidelines for what hinders or disrupts the recyclability of a bottle. Through improvement projects we can make most of our catalog compatible with the plastics recycling systems, ensuring recyclers maximum productivity and minimal extra costs. This way our bottles will be more efficient in the circular economy.

Take action to move from single-use towards reuse models where relevant by 2025:

- We are one of the few countries where refillable PET bottles are been used. We currently produce refillable bottles and are preparing to launch 2 new SKUs this year. In the long term we are developing new designs and sizes to include in the market as well as lightweighting.
- We are expanding our capacity to produce refillable water jugs.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- For the applications we are producing at the time we will be focusing on reusable and recyclable packaging. For now we don't have any justifiable composting application.
- We will launch the next two years 4 new refillable water jugs designs and 2 new refillable PET bottles.
- To make all of our bottle 100% recyclable our main challenge is the pharmaceutical & cosmetics industries as well as 10L formats. We will apply recyclability guidelines to new developments, and make improvement projects with the clients that are willing and can incorporate new designs to their production lines.
- Taking into account the current production, excluding ongoing projects, we have 98% or recyclable and refillable packaging.
- Taking into account bottle to bottle recyclability

25% 2025 post-consumer recycled content target across all plastic packaging used:

- This year with the help of one of our key suppliers, we are going to be able to offer 25% PCR resin, for all of our customers including CSD and HR resin applications. Working in accordance to our Client's approvals and procedures. For the long term, our target is to close the loop in our process, and be a part of the solution for recycling infrastructure in Mexico.
- The target is to have a food grade recycling plant running by 2020. This way we can collaborate with our customers to meet their PCR content goals. The project is set to operate in the center of the country, where we have access to an area with high population density. The annual output of the plant is set to be 58 thousand tons of rPET. For the development if this project,$70 million USD will be invested.

PACKAGING PRODUCER

EXCELRISE

Plastic packaging volume: 50,000 metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

-

Take action to move from single-use towards reuse models where relevant by 2025:

-

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Only produce mono-material PE film. These are all designed so they can be recycled. Some (B2B) applications are also recycled in practice and at scale, some others are recycled in practice in some locations but not yet very widely yet in terms of covering large geographic areas.

70% 2025 post-consumer recycled content target across all plastic packaging used:

Our aim is to use 70% postconsumer (from industrial, commercial and consumer wastes) recycled PE in our films with:

- the set up of our own recycling unit to collect the required volumes (XL recycling)
- invest in additional washing and recycling capacities
  develop technologies on chemical recycling especially to improve deinking process
- adapt our equipment to accept more recycled material

Additional commitments:

- Switch to 100% renewable energy for all our manufacturing processes

PACKAGING PRODUCER

Futamura Group

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We will maximise the use of reusable packaging and alternative, non-plastic feedstock sources for our transit packaging where possible

Take action to move from single-use towards reuse models where relevant by 2025:

- Our Flexible Plastic and Cellulose packaging-films are designed for direct food contact using minimal weights whilst maximising shelf-life. Reuse, per se, is therefore very challenging but we will provide customer ideas for reuse where possible. e.g. reusing compostable films as a collection device for food scraps and peelings.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Our cellulose films has made the commitment for all its packaging grades to be certified compostable (to EN13432/ASTM D6400) by 2025.
- Our plastic films division has made the commitment that all its product lines will be recyclable by 2025.

0% 2025 post-consumer recycled content target across all plastic packaging used:

- For food safety reasons and to comply with global migration and food safety laws, we cannot use post-consumer recycled materials for food packaging. Our films are typically only 16 to 60 microns thick.
- However, our plastic film division uses in-house recyclate already (e.g. clean scraps and edge-trims) and our cellulose film division is actively exploring using agricultural waste as a feedstock.

Additional commitments:

- Wherever possible, we will work proactively, via relevant industry associations and supply-chain partnerships to further the recycling and composting industries in the countries where we operate.

PACKAGING PRODUCER

Greco & Guerreiro

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We commit to keep up with the innovations and new applications that shall be developed on the Market and revisit annually this commitment to assess our packaging and ensure problematic or unnecessary plastic packaging are not used or produced by Greco & Guerreiro.
- In 2018, we have launched a project to eliminate all single-use plastics from our industrial site including a full diagnosis targeting all waste generated not only from our industrial process but also the waste generated from our employees and support areas, such as our food courts. We have an internal goal to complete this project and eliminate all single-use plastics from our operations by 2020.

Take action to move from single-use towards reuse models where relevant by 2025:

- We commit to assess market potential and future packaging developments to engage into reuse models by 2025.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We commit to 100% of plastic packaging to be reusable, recyclable, or compostable by 2025.
- We shall do this working together with all the actors in the supply chain in order to increase the recyclability of our packaging including its accessories such as caps and labels.
- If necessary we shall replace and/or develop with our partners new items that converge with the commitment and circular economy concepts.

50% 2025 post-consumer recycled content target across all plastic packaging used:

- We shall do this working together with all the actors on the chain to increase the demand for recycled plastics, encourage clients to migrate from virgin to recycled packaging were possible. On markets where this is not possible due to any technical barrier (such as odor or food grade) we commit to work together with our suppliers to develop new technologies so we can in fact replace the virgin material with recycled content.
- We commit to revisit this initial commitment (50%) with more aggressive targets as the market evolves.

PACKAGING PRODUCER

Hi-Cone

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- **Alignment:** We continue to work across the supply chain to understand the changing landscape to ensure our short, medium and long-term actions are aligned with changing global reduce-reuse- recycle-recover programs, regional legislative requirements, retailer packaging guidelines and consumer expectations for environmentally responsible packaging now and into the future.
- **Invest:** In 2019 we will invest over $2.5M to develop alternative, non-plastic materials for multipackaging solutions. We will also work across the supply chain to expand our commitment to the 4Rs (reduce, reuse, recycle, and recover). Additionally, Hi-Cone will invest in education programs to educate the public about responsible recycling.
- **Partner:** We will partner with our customers to develop sustainable multipackaging solutions that are aligned with their packaging strategies and priorities and that meet the needs of their customers.

Take action to move from single-use towards reuse models where relevant by 2025:

- We will explore further opportunities for reusable packaging across our entire portfolio through our R&D program.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- We have deployed a separate R&D team and are investing in the development of a non-plastic solution for multipackaging.
- As a result, by 2025 we will work together with our customers to introduce a new product that is 100% recyclable or compostable.
- Our short-term goal is to work across the value chain to create a circular system to capture the value of plastic material while keeping it in the economy and out of oceans and landfills. We strive to help build a stronger recycling system as we work to ensure plastic packaging can be effectively recycled and made into new products and packaging. Our longer term vision, through development partnerships with our customers, is that by 2025 we will provide our customers with an industry-leading, 100% recyclable or compostable packaging solution that exceeds legislative requirements.

50% 2025 post-consumer recycled content target across all plastic packaging used:

- Our goal by the end of 2020, is that Hi-Cone carriers globally will be made from at least 50% recycled content.
- In early 2019, we will introduce a line of carriers made with 55% post-consumer recycled content. This means we will recycle material that could have otherwise ended up in a landfill or as marine debris.
  By 2020, we will ensure that all ring carriers in the UK are made from 55% post-consumer recycled content.
- In 2019 and 2020, we will invest in global collection, recycling and consumer education programs to close the loop on our product and recover ring carriers as part of a circular plastics economy. We will do this by partnering with recyclers such as TerraCycle and/or by utilizing existing recovery and recycling programs where they exist. In the short-term, ring carriers will be used to make new plastic products like benches and beach trash receptacles.
- Mid-term, we are committed to collecting and recycling ring carriers to recycle them back into new ring carriers.

PACKAGING PRODUCER

Koepala Packaging Ltd.

Plastic packaging volume: 0.5 metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- By eliminating all single use plastic from our packaging by 2025.
- Work towards Innovative new solutions to help all our industry partners.
- Ensure that as a company we are only working with partners who are committed to a single-use packaging free future.

Take action to move from single-use towards reuse models where relevant by 2025:

- Our single goal as a company is to create a circular packaging format for all takeaway and food to go products.
- We will focus all our efforts on this single goal. It forms the backbone of our business model.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Work with our chemical industry partners to produce reusable and compostable solutions for take away packaging solutions.
- Commit all our effort on this single goal.

100% 2025 post-consumer recycled content target across all plastic packaging used:

-

Loliware

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- LOLIWARE makes edible bio-based plastics and does not use any single use plastics.

Take action to move from single-use towards reuse models where relevant by 2025:

- Not applicable as LOLIWARE sells edible and compostable food service products.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- 100% of LOLIWARE's straws, cups, lids, & utensils are already compostable (and edible)

N/A 2025 post-consumer recycled content target across all plastic packaging used:

- Not applicable as LOLIWARE sells edible and compostable food service products.

Additional commitments:

- LOLIWARE plans to announce their commitment to replace 1B single use plastics by 2020.

PACKAGING PRODUCER

Matrix APA (UK) Ltd.

Plastic packaging volume: 30 **metric tonnes**

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Matrix APA is actively looking for solutions to eliminate unnecessary secondary packaging, aiming to complete a full audit of our packaging portfolio by mid-2019.
- Matrix APA is working with our manufacturers, clients and freight forwarders to understand the full life-cycle of our products so that we can remove unnecessary secondary and tertiary packaging.
- Matrix APA has introduced a Traffic Light System to educate our design team about how to eliminate problematic materials and educate our clients so that they can make an informed product choice.

Take action to move from single-use towards reuse models where relevant by 2025:

- Educating clients on the benefits of moving from single use cosmetics components to larger volume components for multiple uses.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Educate our design team to ensure unpigmented polymers are used more freely and labels cover less than 60% of the surface area of the packaging.
- Improve the way we label product to ensure the end user can recycle the packaging effectively.

100% 2025 post-consumer recycled content target across all plastic packaging used:

- Work with our suppliers to source post-consumer recycled material.
- Lead innovation, where possible, to drive the amount of recycled material used.
- Inform and educate our clients to make them understand why this is important and what is the commercial value of doing so.
- Sampling and testing existing packaging components in 40% PCR/60% virgin polymer mix with a view to fully adopt this for cosmetic tubes and bottles.
- Identify packaging components that can be made from 100% recycled material. If material can be sourced and it is deemed fit for purpose Matrix APA will switch to 100% recycled content immediately.

PACKAGING PRODUCER

PACCOR packaging solutions

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Increase the amount of Mono layer material to allow easy recycling
- Switch non recyclable material into rPET, rHDPE, rPP
- Development of competitive marking opportunities within the masterbatch to allow separation in sorting facilities

Take action to move from single-use towards reuse models where relevant by 2025:

- Cradle to Cradle concepts implementation for single use plastic packaging to secure a reuse as plastic flakes

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Creating together with partners waste stream proposals to recycle rPET without quality losses
- Providing information to EFSA that recycled packaging material from the household waste stream could be safely used in new and recycled packaging material

30% 2025 post-consumer recycled content target across all plastic packaging used:

- 30% as per total produced plastic packaging
- 50% for PET material produced in our portfolio (which means 100% recycled product due to 50% industrial waste already included)

Additional commitments:

- Paccor has combined interests already with Waste management companies and Recyclers and has recently proven that monolayer PET material is 100% recyclable and could be used for new packaging

PT Evogaia Karya Indonesia

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We have committed to use 100% both natural and non-toxic components in our packaging.

Take action to move from single-use towards reuse models where relevant by 2025:

-

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Our packaging is already 100% compostable.

N/A 2025 post-consumer recycled content target across all plastic packaging used:

- N/A as all content is renewable and compostable.

Additional commitments:

- We continuously do innovation to broaden our flexible packaging application, such as cooking oil, seasoning oil, margarine, polybag, and other single use plastic. We also do innovation in semi-rigid disposable plastic, such as cup, bowl and straw.

RePack

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Work with our suppliers to eliminate problematic and unnecessary additives in our reusable bags. We will further optimise our products to eliminate waste, by making them lighter and more durable. We also improve end-user communication and add RePack return points to make returning your empty bags and boxes easier.

Take action to move from single-use towards reuse models where relevant by 2025:

- RePack's business model is built on enabling reuse, and by working to grow our business we will deliver on this commitment. None of our products are single-use.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- 100% of our primary packaging is already designed for reuse and have reached the target.

100% 2025 post-consumer recycled content target across all plastic packaging used:

- RePack already uses 50% recycled content in our packaging. Our aim for 2025 is to increase to 100%

PACKAGING PRODUCER

Replenish Bottling LLC

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Optimizing how our products are shipped to consumers to eliminate waste and empower the reuse of materials.

Take action to move from single-use towards reuse models where relevant by 2025:

- The entire business model of Replenish is built around enabling reuse and the use of concentrate friendly packaging. We will continue to work with companies to make the Replenish platform open to as many consumers as possible.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Replenish's packaging is designed for reuse.

25% 2025 post-consumer recycled content target across all plastic packaging used:

- Working with suppliers to quickly evaluate, test and pilot various amount of recycled resin content. Also work with different sources or recycled content. Provide timely feedback that will allow suppliers to scale. Share those results to help other companies do the same.

PACKAGING PRODUCER

rPlanet Earth

Plastic packaging volume:	25,000	metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- rPlanet Earth is a sustainable rigid packaging company that produces high rPET content products that are 100% recyclable and therefore we do not manufacture problematic or unnecessary packaging.
- rPlanet however commits to collaborate with our suppliers and assess our supply chain to take action to eliminate any problematic or unnecessary plastic packaging.
- rPlanet commits to use technology to process any kind of rigid PET container in spite of its label, ink or glue or any other potential recycling issues. Additionally through our own R&D department we want to identify problematic containers and then go to the MRF or to the brand owner and inform them on the problem and work towards a solution. This will identify and hopefully root out problematic packaging and allow a more efficient and seamless cradle to cradle system to form for PET.

Take action to move from single-use towards reuse models where relevant by 2025:

- rPlanet Earth's vision is “zero plastic waste on our planet earth.” Our company mission statement is “to be the leader in creating a truly sustainable, closed-loop system for the recycling and reuse of post-consumer plastics”. Our vertically integrated process will convert post-consumer recycled material back into food grade packaging with the lowest carbon footprint.
- We will also create value streams out of PET material that would be traditionally sent to landfill or leaked into the ocean.
- We will work with brands to further enhance their designs for recyclability and work with strategic partners to progress recycling technology.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025

- We are committed to only producing high rPET content packaging that is 100% recyclable. We will recycle all forms of PET rigid containers. We are also committed to only using inks that when applied to our products, such as logos on drinking cups, are water soluble and can be removed during recycling to ensure the PET plastic can be fully recycled thereby avoiding the possibility of introducing byproducts that contaminate the rPET.

100% 2025 post-consumer recycled content target across all plastic packaging used

- By continuously improving our sorting, cleaning and flaking processes as well as co-operating with brands, technology providers, governments and NGO’s we will aim to produce 100% PCR content packaging by 2025
- It is our intention to encourage all of our customers to use high percentages of rPET content in their packaging. Furthermore, we have the capability to support brands to achieve their sustainability goals.
- We want customers that are committed to using 100% rPET in their containers and we will work around any challenges, especially on color, to get these containers on the market.
- We also aim to define the standards on visual quality to enable the closed loop 100% recycled containers.

Note: rPlanet Earth has additional commitments detailed under the ‘Collection, sorting & recycling industry’ category

PACKAGING PRODUCER

Serioplast Global Services

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We will collaborate with our clients to complete without delays the transition to an optimized plastic packaging.

Take action to move from single-use towards reuse models where relevant by 2025:

- We will work with our global customers to increase rPET for cosmetics packaging up to at least 50%, rPET for homecare products up to 100%. rHDPE for homecare products up to 100%
- Above 90% of our portfolio is driven by our client specification. We commit to support our customers fulfill their ambitions.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

-

TBD% 2025 post-consumer recycled content target across all plastic packaging used:

-

Additional commitments:

- We will bring our recycled unit of Centro Plastica up to its full operational level (4,500 ton/year)

Skipping Rocks Lab

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

-

Take action to move from single-use towards reuse models where relevant by 2025:

- By 2025, all packaging and packaging materials we produce will be made from 100% renewable content that come from responsibly managed sources

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

-

N/A **2025 post-consumer recycled content target across all plastic packaging used:**

-

PACKAGING PRODUCER

SPB

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We will work out a plan to review our entire plastic packaging portfolio, in order to identify specific measures to reduce the plastic consumption by volume of weight sold.
- During 2019 we will start to implement these measures aiming to reduce our plastic consumption by 1 % by the end of this year.

Take action to move from single-use towards reuse models where relevant by 2025:

- We will shift towards reusable pallets, boxes and crates in our logistics between factories and stores.
- In 2019, we will start using these reusable boxes.
- We will develop a new range of products that will include refillable packaging by the end of 2025

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- Our main challenge is to find recyclable raw materials for multilayer packages. We are working together with the relevant suppliers in order to find suitable technical solutions .
- During 2019 we will analyse the recyclability and compostability profile of the most relevant packaging in our portfolio to identify concrete improvements and actions to be take in the coming years.

15% 2025 post-consumer recycled content target across all plastic packaging used:

- We are looking into sourcing suitable recycled raw materials that are compatible with our factory processes and begin testing in 2019.
- We estimate our target by 2025 to be 15%

PACKAGING PRODUCER

Termoencogibles, SA de CV

Plastic packaging volume: 38,555 metric tonnes

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- Termoencogibles will work with brand owners to optimize packaging weight per unit of product, where possible.

Take action to move from single-use towards reuse models where relevant by 2025:

- Termoencogibles will aim to provide alternatives that are reusable to all our retails customers, and where relevant for other customers, by 2025.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

As part of its commitment, Termoencogibles will:

- Provide alternatives for: reusable, recyclable, compostable or biodegradable packaging.
- Work with local authorities, trade associations and communities to become actively involved and lead the generation of a realistic supply chain for recycling in our markets.

50% 2025 post-consumer recycled content target across all plastic packaging used:

- By 2025, 50% of the raw material used in our packaging products will come from recycled material.

Note: Termoencogibles, SA de CV has additional commitments detailed under the ‘Durable goods producers’ category

PACKAGING PRODUCER

The Better Packaging Co.

Plastic packaging volume: NOT DISCLOSED

Take action to eliminate problematic or unnecessary plastic packaging by 2025:

- We have developed a reusable courier satchel called 'SWOP' (which stands for the Sustainable Way of Packaging) and aim to have at least 10% of our customers using it by 2020 and 60% by 2025. This will eliminate the need for single-use plastic alternatives.

Take action to move from single-use towards reuse models where relevant by 2025:

- We will encourage and businesses and consumers to adopt the SWOP re-use model instead of continuing with single-use options. Education and awareness will play a large part in this combined with a simple yet effective rewards system to encourage people to use and then return their SWOPs.
- We are also redesigning our larger courier satchels so that they are able to be re-used more easily for either re-sending or carrying goods.

100% of plastic packaging to be reusable, recyclable, or compostable by 2025:

- All of our packaging is already reusable, recyclable, or Certified Home (& Industrially) compostable and we will not be producing anything that is not.

70% 2025 post-consumer recycled content target across all plastic packaging used:

- SWOP Packs - 90% recycled content
- 0PACKS - 20-40% recycled content

Additional commitments:

- We commit to encouraging, educating and facilitating home composting & through our website, social media and other initiatives. We also encourage re-use, recycling and up-cycling of our products through instructions on our packaging and by sharing re-use ideas on social media channels.

A.4 RAW MATERIAL PRODUCERS

NEW PLASTICS ECONOMY

Global Commitment

UN environment
United Nations Environment Programme

Raw material producer commitments

All raw material producers that are business signatories to the Global Commitment:

1. Endorse the Global Commitment's common vision
2. Make the following individual commitments (where 2025 refers to December 31, 2025):
    a. Set an ambitious 2025 target to increase the use of recycled plastic,[1] or
    b. (Only for producers of compostable plastic) set a 2025 target to increase the share of renewable content to at least 75%, all of it from responsibly managed sources
3. Commit to collaborate towards increasing reuse/recycling/composting rates for plastics
4. Report annually and publicly on progress towards meeting these commitments, as well as on annual volumes (tonnes) of plastics production/use (the latter is used for aggregation purposes only, but individual public disclosure is encouraged).

[1] A 2025 target on average share (%) of recycled content across all resins sold (preferred) or a commitment to a meaningful investment between 2018 and 2025 in recycling technologies or activities.

A.4.A RAW MATERIAL PRODUCERS

- NON-COMPOSTABLE PLASTICS

NEW PLASTICS ECONOMY

Global Commitment

UN environment
United Nations Environment Programme

RAW MATERIAL PRODUCER

Borealis A.G.

Volume of plastics produced: NOT DISCLOSED

2025 target to increase the use of post-consumer recycled plastic:

- By 2025, Borealis aims to increase the share of recycled plastics in its total plastic volumes sold more than fourfold[1]
- Borealis has already started integrating recycling activities in its activities. It owns MTM Recycling and Ecoplast.

[1] *Exact target language still under review*

Additional commitments:

- We support further scaling up our Project STOP to help close the tap on ocean plastics leakage. Together with other partners in our project, Borealis has committed €10-15 million to implement 3 city partnership implementing sustainable waste management systems including collection, sorting and treatment, across Indonesia by 2025. This will avoid over 10,000 tons of plastics entering the ocean.
- The EverMinds™ platform was created to heighten the visibility of plastics circularity and promote a more circular mind-set within the polyolefins industry. EverMinds™ serves to streamline all Borealis circular economy-related activities in order to boost their impact and engender familiarity with the topic. (It aims to spark interaction and exchange between Borealis and its stakeholders.) As a catalyst, it shall ultimately inspire new, high-quality and innovative polyolefins solutions based on the circular model of recycling, reuse and design for circularity. A clear proof point of which are Borealis establishing the design codes of conduct, which define a set of ‘codes’ for packaging designer to design with optimal recyclability of the product in mind.

RAW MATERIAL PRODUCER

Indorama Ventures PLC

Volume of plastics produced:	6,000,000	metric tonnes

2025 target to increase the use of post-consumer recycled plastic:

- Indorama Ventures Public Limited Company (IVL) has PET manufacturing facilities on a global basis, producing over 6.0 million tonnes of PET (polyethylene terephthalate) which is consumed mainly in plastic packaging.
- Presently IVL processes over 100,000 tonnes of PET Post Consumer materials to rejuvenate into RPET (100% recycled PET pellets) or to blend into the PET resin production to give virgin material with a percentage of reclaimed materials.
- Through the Sub-Committee of the Board of Directors, IVL has a very ambitious plan to expand the use of reclaimed PET to become either RPET (Recycled PET pellets) or feedstock, as per reclaimed chemicals from post consumer polyesters, to displace fossil feedstock and hence create a circularity to the PET product.
- By 2025 the target as a minimum has been set that IVL will have an take of 750,000 tonnes of reclaimed PET from the market and utilize in several facets as product to be returned as plastic packaging material with recycled content.
- IVL expects this target to be exceeded, however it is premature to speculate until current development projects have entered into bulk production and been proven as acceptable in the market

Additional commitments:

- 2019: IVL will start commercial production and marketing of 100% RPET pellets made from PCR PET bottles in Europe. The initial nameplate capacity will be 16,000 tonnes per annum. However this is expected to be quickly exceeded with expansion/acquisition plans being developed
- 2019: IVL will manufacture virgin PET utilizing feedstock from PCR PET displacing fossil materials, and generating the first fully circular virgin PET in Europe. In the start-up phase IVL will take minimum 10,000 tonnes per annum of feedstock from recycled PET into its production facility in Rotterdam Netherlands. Significant plans to expand this process across the 5 plants in Europe is being developed.
- 2019: Indorama Ventures Sustainable Solutions (IVSS) 30,000 ts flaking and RPET output added to the global portfolio.
- Further building blocks to the commitment to be forthcoming during the journey.

A.4.B RAW MATERIAL PRODUCERS

- COMPOSTABLE PLASTICS

NEW PLASTICS ECONOMY

Global Commitment

UN environment
United Nations Environment Programme

Signatory name:	2025 target to increase the use of post-consumer recycled plastic, or to increase the share of renewable content to at least 75%, all of it from responsibly managed sources:	Additional commitments:	Volume of plastics produced:
NOVAMONT S.p.A.	• Novamont pledges that by 2025 it will achieve 80% renewable and responsibly sourced content on average across all bioplastics produced, optimizing the use and consumption of resources with a circular approach. This means doubling our average renewable content which will requires significant investment and the bringing to market of completely new chemistry. • Furthermore we will continue in developing low-impact value chains integrated in local areas, working closely with agriculture on “regenerative” systems and the organic recycling sector, conceiving products to provide sustainable solutions for specific environmental problems, such as soil and water pollution, designing products to be compostable where the risk of contamination of organic waste is high	• We are strongly committed to working with the entire value chain to deliver packaging solutions which are both compostable, recyclable and with increasing renewable content to help decouple the plastics economy from fossil fuels consumption.	**220,000*** metric tonnes *Note: production capacity of Origo-bi and Mater-bi products
Aquapak Polymers Limited	• Aquapak Polymers Limited has developed HydroPolTM a polymer which has high barrier but is recoverable in paper re-pulping processes and from complex laminates enabling the maximum recycling of currently difficult materials. • Hydropol is a newly available polymer and as such post consumer waste material does not yet exist. However, Aquapak technology enables identification, easier separation and collection of Hydropol enabling recycling of the polymer. Aquapak’s technology will enable 100% of Hydropol coated paperboard packaging to be recycled directly back to functional paperboard working with key partners in the waste and paper industries. • By 2020, Aquapak will demonstrate to the waste and recycling industry a method of recovering nearly 100% of any Hydropol materials in combination with other plastics/paper for either controlled biodegradation or recovery of virgin polymer. • We are working in a number of projects with major Brands and retailers to use our product to replace non-recyclable plastics. As part of this the intention is to work with the major waste companies to ensure separation and collection of our material and recovered material can then be used in our process. We are committing to recover 10-15% of our material back into our process by undertaking this work, by 2025.	• The aim of Aquapak is to recycle all internally generated waste polymer and to use a patented method of recovery of the polymer in customers post manufacturing systems to enable reuse. By 2022, 95% of internally generated waste polymer will be recycled into finished product	**6,000** metric tonnes (2018) **35,000** metric tonnes (2021)

Signatory name:	2025 target to increase the use of post-consumer recycled plastic, or to increase the share of renewable content to at least 75%, all of it from responsibly managed sources:	Volume of plastics produced:
Ecovative	• 100% of plastics utilized in production will be recyclable. All packaging/material we produce will be made from 100% renewable content that comes from responsibly managed source.	**NOT DISCLOSED**
Full Cycle Bioplastics	• By 2025, all plastics and packaging materials we produce will be made from 100% organic waste, which is converted to PHA polymers that are in themselves compostable in both home and industrial settings.	**NOT DISCLOSED**
Mobius	• By 2025, all products will be made from 100% renewable feedstocks that come from responsibly managed sources, with a minimum of 50% content derived from industrial organic waste streams from food, forestry, and agriculture.	**0*** metric tonnes *Note: We are currently a pre-commercial startup targeting 2019 for pilot production of our compostable and soil-degradable bioplastic materials, and 2020 for commercialization of the same
NatureWorks	At NatureWorks, the feedstock used to manufacture all the polylactic acid, lactides, and lactic acid in our Ingeo and Vercet products is already 100% annually renewable. We also support the practices of sustainable agriculture and are committed to the following: • By 2019, 60% of this feedstock will be certified as sustainably and responsibly managed via the independent, 3rd party-administered chain of custody program ISCC PLUS. • By 2020, 100% of this feedstock will be certified as sustainably and responsibly managed via the independent, 3rd party-administered chain of custody program ISCC PLUS. • By 2025, we ensure that 100% of new feedstocks for additional manufacturing capacity will be sustainably produced via an independent, 3rd party program.	**150,000** metric tonnes (2018 Production Capacity)
Origin Materials	• Origin Materials will be producing bio-PET by the end of 2020 and expanding to more than 100,000 tons by 2024. In addition, by 2025 we commit for at least 75%, and up to 100%, of our Bio-based PET feedstock to come from renewable and responsible sources. Origin Materials' focus is to encourage the use of materials that are both bio-based and recyclable.	**NOT DISCLOSED**

Signatory name:	2025 target to increase the use of post-consumer recycled plastic, or to increase the share of renewable content to at least 75%, all of it from responsibly managed sources:	Additional commitments:	Volume of plastics produced:
Plasticos Compuestos S.A.	• Today we use a 1.17% of recycled materials within all our formulations. Our goal is to increase this percentage to 20% in 5 years. • Furthermore, we plan to increase the use of compostable and renewable products from 0% to 20% • Besides, we plan to extent our production of low carbon footprint solutions based in mineral fillers from 61% to 70% Nowadays, 80% of our production is intended for the production of SUP. By 2025, we aim to adapt our formulation and curb this percentage to 30% whilst scaling up our portfolio of sustainable solutions from 20% to 70%. We commit to help our customers (plastic converters) to rethink certain applications that are damaging the environment.	• By 2025, we commit to reach a sustainable portfolio consisting of products being: 70% low carbon footprint, 20% reusable and 20% compostable.	**NOT DISCLOSED**
Rodenburg Biopolymers	• By 2025 we will increase the use of recycled bioplastics to at least 20% of the volume of bioplastic produced. • Moreover, we will include an offer to buy back our bioplastics for recycling with every offer to sell bioplastics.	• We continue to commit to increase the biobased content from side-stream/waste products from the food industry in our bioplastics to ensure our bioplastics do not pose a threat to availability of resources for food production.	**NOT DISCLOSED**
Vita Bioenergia Ltda	VitaBio PLAstic is biodegradable/compostable, as well as recyclable plastic, made from sugarcane and/or recycled PLA plastic. • The Company is committed to use 100% renewable content in all its plastic production by 2025. • The Company is committed to use 100% of recycled PLA plastic by 2025	-	**NOT DISCLOSED**

A.5 RECYCLING AND AFTER USE

- COLLECTION, SORTING AND RECYCLING INDUSTRY

NEW PLASTICS ECONOMY

Global Commitment

UN environment
United Nations Environment Programme

Collection, sorting and recycling company commitments

All collection, sorting and recycling companies that are business signatories to the Global Commitment:

1. Endorse the Global Commitment's common vision
2. Make the following individual commitments (where 2025 refers to December 31, 2025):
    a. Set an ambitious 2025 target to grow the volume and quality of recycled/composted plastics, and accordingly increase the ratio of recycled and composted over landfilled and incinerated plastic volumes
3. Commit to collaborate towards increasing reuse/recycling/composting rates for plastics
4. Report annually and publicly on progress towards meeting these commitments, as well as on annual volumes (tonnes) of plastics production/use (the latter is used for aggregation purposes only, but individual public disclosure is encouraged).

Note: Target on volume of plastic collected for recycling (collector), sorted for recycling (sorter), or recycled/composted (recycler/composter)

Signatory name:	2025 target to grow the volume and quality of recycled/composted plastic, and accordingly increase the ratio of recycled and composted over landfilled and incinerated plastic volumes:	Volume of plastics processed:
Suez	• We want to triple our sorting and recycling infrastructure, in order to reach 600kt production capacity of high quality recycled plastics Aside: • We presently perform both an operational study and a research to analyze the impact of compostable plastics in recycling plants and/ or composts plant (including Anaerobic digestion). This will lead to conclusion which we will share with the Ellen MacArthur Foundation in 2019. • Our research & development Lab (Plastlab) helps Customers in Europe to substitute Virgin plastic with recycled ones.	**NOT DISCLOSED**
Veolia	Our target is defined as: **"We will increase our revenue from plastic processing 5X; from €200 million in 2016 to €1 billion in 2025" (not including collection and sorting).** • **Deploying sorting and recycling infrastructure:** in order to meet its commitment, Veolia will grow the volume and improve the quality of recycled plastic produced. This will be accomplished by expanding its plastic recycling network in Europe and Asia. • **Status:** In 2018, Veolia's revenue associated with plastic processing was approximately €250 - €300 million. We feel that we are on-track to meet our target. • **Developing innovative, incentive-backed and financially optimised collection methods**. (On-going example in France, YOYO; others in Indonesia and India). • **Research & Development**: Veolia is working on technical resins and innovative recycling methods to improve its capacity and capability to recycle complex or mixed plastics. (e.g; have established a "Hall" dedicated to research into plastic recycling; tools include robotics, Artificial Intelligence, digitalisation, sensors, ...). Also, created on-line material resource center to cater more specifically to manufacturers' requirements. • **Collaboration: Setting up partnerships** with leading companies to identify circular solutions, focused on material collection, adding recycling capacity and developing new processes and business models (e.g. Partnership Agreements with Unilever, Danone, ...) • **Collaboration in global plastics value chain**: working with like-minded companies and stakeholders to find solutions that can be scaled-up and replicated. (e.g. New Plastics Economy Initiative and the Alliance to End Plastic Waste).	**250,000-300,000** metric tonnes (2018, approximate)

Page note: Companies with annual revenues exceeding USD 10 billion

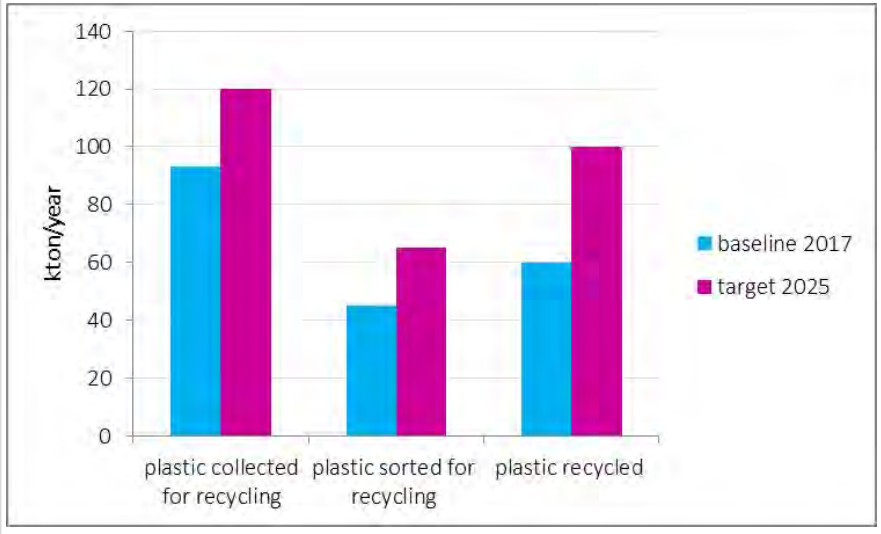
Signatory name:	2025 target to grow the volume and quality of recycled/composted plastic, and accordingly increase the ratio of recycled and composted over landfilled and incinerated plastic volumes:	Volume of plastics processed:
ALPLA **Note:** ALPLA has additional commitments detailed under the 'Packaging producers' category	• ALPLA Werke Alwin Lehner GmbH & Co KG (ALPLA) will double the volume of plastics recycled up to 130,000 tonnes by 2025 together with ALPLA's subsidiaries, Joint Ventures and Cooperations.	**NOT DISCLOSED**
APK AG	• APK plans to increase its Newcycling® re-granulates* capacity to a minimum of 33,000 t/a by 2025. The first plant, with a capacity of 8,000t/a will be operational in 2019 in Merseburg (Germany). By 2025 at least one additional Newcycling® plant is scheduled to be built with a minimum capacity of 25,000 t/a input volume. This new plant will focus on recycling mixed plastic waste from post-consumer origin. • *Note: APK's Newcycling® technology enables to generate pure sorted re-granulates from mixed plastic wastes streams, e.g. multi-layer packaging, that today in most cases are incinerated or recycled by conventional mechanical recycling processes to lower quality materials. Re-granulates from Newcycling ® offer a quality level that makes it possible to replace virgin plastics and therefore support the target of a circular economy.	**8,000** metric tonnes t/a (2019)
Boomera **Note:** Boomera has additional commitments detailed under the 'Durable goods producers' category	• Our commitment is to have 2,000 tons/month of PCR running in our recycling lines. We are investing in machines to increase our capacity from 200 tons/month today to 2,000 tons/month by 2025. • We already have more than 200 points of collection around Brazil, and our commitment is to double this number in 2019, 2020, 2021. • Also we have more than 5,000 waste pickers (cooperatives) working with us to increase our collection volume. We invest in training, machines, health and insurance processes to help this.	**NOT DISCLOSED**
CarbonLITE Recycling	• By 2020 we aim to produce 300 million LBS or 136,000 metric tonnes of post consumer resin	**NOT DISCLOSED**

Signatory name:	2025 target to grow the volume and quality of recycled/composted plastic, and accordingly increase the ratio of recycled and composted over landfilled and incinerated plastic volumes:	Additional commitments:	Volume of plastics processed:
Cedo	• Cedo will use, in its products, a volumes of more than 100kt on recyclates annually by 2025. • The company will also produce >60 kt of recyclates in 2025 of which more than half are produced with flexible single used plastics packaging collected by households.	• Cedo is currently doing a feasibility study for a recycling facility in the UK and is making modifications on extruding capacities to get a 10 % higher throughput.	**NOT DISCLOSED**
CSSA (Canadian Stewardship Services Alliance Inc.)	As the administrator of Recycle BC's full producer responsibility program for packaging and paper product in the Province of British Columbia, CSSA commits to ensuring that Recycle BC achieves its plastic targets as follows: • General plastic target of 50% by 2025; • Rigid plastic target of 55% by 2022; and 60% by 2025; • Flexible plastic target of 22% by 2022; and 25% by 2025	Canadian Stewardship Services Alliance Inc. ("CSSA"), a supplier of compliance and material management services to packaging and paper product stewardship programs in Canada, is proud to endorse the Global Commitment's common vision of a circular economy for plastics, where plastics never become waste. We recognize this vision offers an effective, long term and root cause solution to plastic pollution with profound economic, environmental and societal benefits. CSSA is pleased to make the following specific commitments in support of the Global Commitment: • We will collaborate with businesses and governments in order to help increase reuse/recycling/composting rates for plastics; • We will advocate for a system of harmonized Extended Producer Responsibility (EPR) regulations across Canada as a critical mechanism for developing circular supply chains; and • We will advocate for public procurement policies that require increasing amounts of recycled content in packaging and products and 100% recyclable plastic packaging as effective and visible means of promoting circular economy outcomes.	**NOT DISCLOSED**

Signatory name:	2025 target to grow the volume and quality of recycled/composted plastic, and accordingly increase the ratio of recycled and composted over landfilled and incinerated plastic volumes:	Additional commitments:	Volume of plastics processed:
Cumapol BV	• Double the mechanical recycling capacity for polyester from 15,000 to 30,000 metric tons per annum	• Complete the development of CuRe Technology, our breakthrough chemical recycling of polyester providing a low energy use decoloration of all types of polyester waste.	**15,000** metric tonnes
Ecoibéria Reciclados Ibéricos, SA	• Ecoibéria Reciclados Ibéricos SA targets to recycle 40,000 tons per year of PET bottles by 2025 representing a 122% increase on our 2018 volume. • By end 2019 we will grow the volume of our recycled material already by 30%. • We will grow our capacity to produce first quality food grade flakes and start manufacturing R-PET bottle-to-bottle pellets by 2020. • We will reduce the percentage of “waste” plastic from our sorting line which presently goes to landfill. By 2025, we will aim to re-sort it and ship it to other recyclers or other alternative handling mechanisms that work towards achieving a circular economy for plastics.	• Collaborate with customers, organizations and institutions in order to foster a circular economy for plastics. • Collaborate with I&D centers to create an end product using microplastics resulting by filtering our production waste water	**18,000** metric tonnes (2018)
EGF - Environment Global Facilities	• Target on volume of plastics collected for recycling: 64500 Tons • Target on volume of plastics sorted for recycling: 80500 Tons	-	**NOT DISCLOSED**

Signatory name:	2025 target to grow the volume and quality of recycled/composted plastic, and accordingly increase the ratio of recycled and composted over landfilled and incinerated plastic volumes:	Additional commitments:	Volume of plastics processed:
Encorp Pacific (Canada)	• Encorp Pacific's target is to recycle 75 percent of the plastic beverage containers sold into the Province of British Columbia by 2022. Currently, we recycle 73.5 percent by weight which equals 10,888 metric tonnes and 71.2 percent by unit volume which equals over 380 million units. The increase to 75% would capture an additional 227 metric tonnes keeping a total of over 11,115 metric tonnes equaling over 400 million plastic beverage bottles from becoming pollution annually.	• Encorp Pacific's additional commitment is to eliminate single use plastic film from our supply chain by 2025. Currently Encorp provides single use plastic bags to both our collection facilities and the public for use in collecting and packaging plastic beverage containers in preparation for recycling. • By the end of 2019, all large depots within our system (2.5 million units or more) will be required to use reusable big bags for transportation of beverage containers back to Encorp in place of single-use bags. In 2017 we processed and recycled 110 metric tonnes of plastic bags and the volume has been steadily increasing as our recovery rate increases. • Our goal is to implement this change in stages and replace the single use plastic bags with a reusable bag for use by collection facilities and the public by 2025. Encorp's commitment will result in the elimination of over 120 metric tonnes of plastic film annually.	**14,820** metric tonnes Note: 2017 estimated weight of plastic beverage containers sold

Signatory name:	2025 target to grow the volume and quality of recycled/composted plastic, and accordingly increase the ratio of recycled and composted over landfilled and incinerated plastic volumes:	Additional commitments:	Volume of plastics processed:

Hera Group	• The Hera Group is one of the major multi-utility companies in Italy: it offers the sustainable management of environmental, energy and water services to 4.4 million citizens in 349 municipalities spread over 5 Italian regions. The Group is involved in collection, sorting and recycling of waste, through its companies.
	• Hera set the following ambitious targets for 2025, to be pursued by the companies of the group:
	  • +30% of plastic collected for recycling by Hera Spa, compared to 2017 (target 120 kton/year)
	  • around +50% of plastic sorted for recycling in Herambiente plants, compared to 2017 (target 65 kton/year)
	  • around +70% of plastic recycled by Aliplast, compared to 2017 (target 100 kton/year)
	 
		• **Hera Spa** is the company of the Group involved in public environmental services. Plastic waste collection is part of the overall separate waste collection service.
		• **Herambiente** is the company of the Group involved in waste management. It owns 15 selection plants where separate waste collection is sorted for recycling and sent to secondary sorting plants or recycling plants.
		• **Aliplast** is the company of the Group involved in plastic waste recycling and regeneration. It produces high quality plastic, by transforming PE, PET and other polymers into flexible and rigid films, granules and flakes, mainly used for packaging.
			60,000 metric tonnes (recycled)

INCOM RECYCLE Co., Ltd. Beijing	• We would like to set the target of 517.5 thousand tons of plastics by 2025.	-	**NOT DISCLOSED**

Signatory name:	2025 target to grow the volume and quality of recycled/composted plastic, and accordingly increase the ratio of recycled and composted over landfilled and incinerated plastic volumes:	Additional commitments:	Volume of plastics processed:
Industria Mexicana de Reciclaje S.A. de C.V.	• IMER is committed to the planet's sustainability taking care of the environment through increasing the PET recycling capacity from 12,500 tons/year to 15,000 tons/year. 100% of the rPET flake produced is used for bottle to bottle recycling. By 2025 IMER will obtain 50% of the post consumer bottles within our own collection centers.	-	**NOT DISCLOSED**
LIPOR - Intermunicipal Waste Management of Greater Porto	*Increase the recycling rates:* • By 2025 achieve a total amount of 10,140 tonnes of Plastics collected from households. • The commitment will represent a 30% growth rate compared to 2017 (7,800 tonnes collected). • All plastic material sent to recyclers will fully comply with the technical specifications defined and approved by the Portuguese Integrated Packaging Waste Management System.	*By the end of 2019:* • Increase recycling rates – achieve a growth rate of 10% for Plastic packaging collected (reference year: 2018). • Encourage the circular public procurement – the Tender specifications for goods acquisition should include, when applicable, requirements regarding the incorporation of recycled plastic. • Raising awareness and training – promote communication and environmental campaigns to improve separate collection for plastics packaging and to reduce single use plastics. • Marine litter – To develop an integrated management system for the solid waste from fishing and port activities: fishing gears, packaging polystyrene, other plastics.	**7,800** metric tonnes (2017)
Loop Industries	• Increase the available supply of up-cycled PET plastic and polyester fiber for use by consumer good companies. We are currently developing our first commercial facility, which is planned to be operational Q1 2020.	-	**NOT DISCLOSED**

Signatory name:	2025 target to grow the volume and quality of recycled/composted plastic, and accordingly increase the ratio of recycled and composted over landfilled and incinerated plastic volumes:	Additional commitments:	Volume of plastics processed:
Mr. Green Africa	• Mr. Green Africa uses technology along its value chain to trade from currently 1000MT/year to at least 10,000 Metric tons post consumer recyclate per year, while achieving tangible social and environmental impact. • We will ensure to process PCR and other plastic waste into its highest valuable state so that it can be circular and used in the consumer goods packaging industry.	• To include more than 5000 informal waste workers in the Mr. Green Africa value chain by 2025 and set the framework for fairly sourced PCR.	**NOT DISCLOSED**
PetStar	• 8% production increase of post-consumer plastic recycled resin by 2025 • Get Cradle-to-Cradle certification on our Food Grade PET Post-Consumer Resin by 2019	-	**50,000** metric tonnes
Plastic Bank Recycling Corporation	• To collect and recycle 1 billion Kg of social plastic.	-	**NOT DISCLOSED**
Plastic Energy	• By 2025, Plastic Energy will convert at least 300 000 tonnes of low-grade plastic waste into feedstock for new plastic manufacturing (Plastic2Plastic). This number will represent about 60% of Plastic Energy's total output, up from 0% in 2018.	• We commit to promote the circular economy in countries that so far would prefer using the output as energy recovery. • We commit to contribute to the reduction of plastic pollution in our oceans.	**0*** metric tonnes *Note: Although we do not directly produce plastic, for now there is no feedstock aimed at Plastic2Plastic

Signatory name:	2025 target to grow the volume and quality of recycled/composted plastic, and accordingly increase the ratio of recycled and composted over landfilled and incinerated plastic volumes:	Additional commitments:	Volume of plastics processed:
Re-Poly, Evertrak, QRS **Note:** Re-Poly, Evertrak, QRS has additional commitments detailed under the 'Durable goods producer' category	• We are adding additional collection and processing plants to meet our rail tie production. $42M in additional capital to support this initiative. We intend to produce 3M composite rail-ties by 2025. This will consume over 1/2 billion pounds of recycled plastics. All post consumer.	• Our rail ties use 100% recycled content and weigh on average or 200-220 pounds. We intend to produce 3M composite rail-ties by 2025. This will consume over 1/2 billion pounds of recycled plastics. All post consumer. • Deploy our new US technology world wide. • We intend to invest in excess of $50 million in plastic recovery infrastructure over the next 5 years.	**NOT DISCLOSED**
Recycling Technologies	• By 2025, Recycling Technologies aims to add 5.5 million tonnes of recycling capacity globally to convert low-grade plastic waste into feedstock. • This will be done by installing around 800 RT7000 machines at recycling centres around the world. Each machine converts 7,000 tonnes per annum of low grade plastic waste into Plaxx, a feedstock for steam cracking.	• We are committed to bridging the gap between the waste sector and the petrochemical sector, as the RT7000 closes the loop in the plastics value chain, moving from the traditional linear model (produce, use, discard) into a circular model (produce, use, recycle, reproduce).	**0*** metric tonnes *Note: Currently we are at a pre-commercial stage and the first commercial scale RT7000 machine will be operational from end of 2019. Hence the reported volumes are nil.

Signatory name:	2025 target to grow the volume and quality of recycled/composted plastic, and accordingly increase the ratio of recycled and composted over landfilled and incinerated plastic volumes:	Volume of plastics processed:
rPlanet Earth **Note:** rPlanet Earth has additional commitments detailed under the 'Packaging producers' category	• At the time of writing this report, rPlanet Earth recycling volume for 2018 had not yet been determined. rPlanet has set a goal of 40,000 metric tons as a recycling target for 2019 and aims for a capacity increase of at least 100% in terms of tonnage recycled and produced by 2025. • rPlanet Earth will create rigid PET products that are made from 100% recycled PET that is sourced through curbside pick-up. By offering these products to the packaging industry, we will enable them to go above and beyond the commitments they have set themselves for 2025. • rPlanet Earth, is the first completely vertically integrated post-consumer PET plastic recycling and high recycled PET ("rPET") packaging manufacturing company in the world. At first we will recycle clear PET plastic and are committed to having the ability to recycle and make packaging using recycled colored PET - which at the present time is usually sent to landfill. rPlanet Earth is currently operational and building capacity. Our expansion plan calls for building 3 or 4 more plants across the U.S. and possibly to expand internationally as opportunities arise. • rPlanet Earth will be the only recycler in the U.S. that on a consistent basis can recycle a meaningful amount of post-consumer PET thermoformed containers (strawberry clamshells, salad containers, etc.) that at the present time are sent to landfill along with PET bottles (water, soda, etc.) into a high quality bottle grade flake to be used in our high quality, high rPET content packaging products. • rPlanet earth will also continuously push end of cycle products back into the recycling stream and keep them in circularity for as long as we can. • We will be monitoring our sustainability performance through comprehensive life cycle inventories and models.	**40,000*** metric tonnes * Note: 2019 target
Rubicon Global	• Rubicon is committed to increasing the volume of recycled plastics serviced for its customers by 15% year over year (YOY). This means that by 2025, Rubicon will strive to recycle 8 times more plastic volume than in our baseline year of 2018. • As our first initiative in achieving our long-term goal, Rubicon plans to build upon its robust plastic recycling education program for our customers in 2019. • Additional strategic plans include the continuation of finding innovative closed-loop solutions for "hard-to-recycle" plastic materials and conducting waste assessments to identify opportunities to divert more plastics from landfill for our customers.	**NOT DISCLOSED**

Signatory name:	2025 target to grow the volume and quality of recycled/composted plastic, and accordingly increase the ratio of recycled and composted over landfilled and incinerated plastic volumes:	Additional commitments:	Volume of plastics processed:
Termoencogibles, SA de CV **Note:** Termoencogibles, SA de CV has additional commitments detailed under the 'Packaging producers' category	• We commit to recycle over 18,000 metric tonnes yearly by 2025.	• We commit to invest and help develop better recycling technologies and to improve the upstream supply chain.	**12,113*** metric tonnes * Note: 12,113 tonnes are processed in our internal recycling plant, plus an additional 2,225 tonnes that are purchased from suppliers to make a total of 14,337 tonnes which are incorporated into the manufactured packaging.
TOMRA Systems ASA	• In 2025, we will annually and globally sort more than 8 mio t/year of various types of plastic out of multiple types of waste streams with our sensor-based sorting technology. • This material is to be recycled, contributing to an increasingly circular economy. • Furthermore, from the yield above, we will upgrade 2 mio t/year plastic, with our sensor based sorting technology, in order to achieve virgin-like resins. • Additionally, in 2025 we will collect 1 mio t/year high quality beverage plastic bottles, as part of the bottle-to-bottle recycling model.	-	**NOT DISCLOSED**
TriCiclos	• Our target for plastic collection for 2025 in the countries in which we currently have operations (Chile, Peru, Colombia and Brazil) goes up to 11,000 metric tons, which would mean to grow four times our collection capacity reached in 10 years.	-	**3,200*** metric tonnes *Note: collecting and sorting volume

Signatory name:	2025 target to grow the volume and quality of recycled/composted plastic, and accordingly increase the ratio of recycled and composted over landfilled and incinerated plastic volumes:	Volume of plastics processed:
Upp! UpCycling Plastic BV **Note:** Upp! UpCycling Plastic BV has additional commitments detailed under the 'Durable goods producers' category	• In 2025 Upp! will process 250 kT of recycled plastic waste annually into durable and recyclable products in at least 5 countries and more than 10 cities/regions who want to be zero-plastic-waste.	**NOT DISCLOSED**
ValGroup **Note:** ValGroup has additional commitments detailed under the 'Packaging producers' category	Our target is to build the capacity to recycle 140,000 tonnes of plastics per year. For this, we will be: • setting up new recycling facilities • investing in groundbreaking chemical recycling technology • setting up new bottle-to-bottle facilities • setting up chemical recycling plants in key locations • increasing our capacity to recycle plastics mechanically e.g. bottle-to-bottle • setting up pyrolysis plants in key regions including North America, Europe and Asia	**NOT DISCLOSED**
Waste Ventures India Pvt. Ltd.	• We commit to collect and sort 20,000 MT of plastic waste from waste pickers across Hyderabad and Telangana region in India. Through this collection we plan to avert 10,000 MT of otherwise worthless plastic from landfill and waterbodies. Remaining 10,000 MT will be processed through recyclers across India.	**1,800** metric tonnes

Signatory name:	2025 target to grow the volume and quality of recycled/composted plastic, and accordingly increase the ratio of recycled and composted over landfilled and incinerated plastic volumes:	Volume of plastics processed:
Waste4Change	• 1.a. Total recycled plastic (2018): 21.90 ton /year • 1.b. Total recycled plastic (2025): 3,558.75 ton/year • 2.a. Total recycled waste (2018): 438 ton/year • 2.b. Total recycled waste (2025): 71,175 ton/year • 3.a. Total composted waste (2018): 6.57 ton/year • 3.b. Total composted waste (2025): 1067.63 ton/year	**NOT DISCLOSED**
Worn Again Technologies	• We commit to develop our polyester and cellulose/cotton recycling process for textiles ad bottle/packaging further with the aim to produce at least 300,000 tonnes of circular PET/plastics by 2025.	**0*** metric tonnes *Note: We are pre commercialisation and in the process of optimising and scaling our technology

A.6 DURABLE GOODS PRODUCERS

NEW PLASTICS ECONOMY

Global Commitment

UN environment
United Nations Environment Programme

Durable goods producer commitments

All durable goods producers that are business signatories to the Global Commitment:

1. Endorse the Global Commitment's common vision
2. Make the following individual commitments (where 2025 refers to December 31, 2025):
    a. Set an ambitious 2025 post-consumer recycled content target across all plastics used in products or components
3. Commit to collaborate towards increasing reuse/recycling/composting rates for plastics
4. Report annually and publicly on progress towards meeting these commitments, as well as on annual volumes (tonnes) of plastics production/use (the latter is used for aggregation purposes only, but individual public disclosure is encouraged).

Signatory name:	2025 post-consumer recycled content target across all plastic used in products and components:		Additional commitments:	Volume of plastic used in products and components:
Boomera **Note:** Boomera has additional commitments detailed under the 'Collection, sorting & recycling' category	**>50%**	• We have an agricultural tarp production line and sell this product across Brazil and Latin America. • We have used just 100% recycled and recyclable materials in our products and and our commitment is to keep it this way. • All products are made with 50% to 70% PCR with the rest composed of post-industrial resin. We commit to increasing the PCR use in our production process.	• We are looking into renting our agricultural tarp to farms, rather than selling, transforming our business into a Product as a Service solution.	**NOT DISCLOSED**
ECOPIXEL	**50%**	• We currently use 95 > 100% Industrial waste PELD content in all our products. All our products are therefore also fully recyclable after use already. We are technically able to manufacture with Post Consumer PELD and are currently still looking for reliable suppliers. We set our goal to work with at least 50% of Post Consumer Recycled PELD + 50% Industrial waste PELD materials by the end of 2020.	• For our packaging, our goal is to eliminate the PVC tape to close the external carton box by the end of this year = 2019. • We study a carton solution for the plastic bags we use • We exchange the extendable plastic foil with carton multiple boxes where possible.	**NOT DISCLOSED**
Ernesto São Simão Lda.	**80%**	• Replace virgin plastics for recycled plastics in every product and component produced by our company, whenever feasible; • Collaborate with stakeholders along the value chain to substitute virgin plastics for recycled plastics in products and components, through the use of sustainable design and innovation; • Promote research and innovation to progressively increase the quality standards of recycled plastic materials; • Introduce innovative plastic materials, composed by biomass and recycled plastics, as the preferred option for our products and components	• Use sustainable and minimalist product design in order to avoid waste of materials; • Progressively certify products and components according to sustainability standards, such as Cradle-to-Cradle Certifications; • Contribute actively to increase awareness and education for sustainable plastics; • Continuously increase the share of renewable energies used in our production process; • Opt for efficient and electric plastic injection machines;	**NOT DISCLOSED**

Signatory name:	2025 post-consumer recycled content target across all plastic used in products and components:		Additional commitments:	Volume of plastic used in products and components:
HP Inc.	**10%**	• HP intends to grow the amount of RCP used by more than 50% by 2020 and also, use a total of 90,000 tonnes (200 million pounds) of RCP worldwide in its products from 2017 to 2020 inclusive. • We will do this by collaborating across the value chain, partnering with enlightened retailers, recycling industry leaders, and plastic resin compounders. • Additionally, we have projects to consume ocean plastic at scale, already recovering over 150 tonnes of plastic from littoral zones.	• The HP commitment has been presented for 2020 based on an ambitious and precise volume. The 2020 - 2025 potential challenges will be studied based on the achieved recycled content across all plastic used in products and components by 2020. • HP is also committed to the integration of recycled plastic in the framework of the French Roadmap on Circular Economy which disposes in its 1st disposition the need to recycle 100% plastics and the need for industry to commit using more recycled plastics. • Additionally, we have projects to consume ocean plastic at scale, already recovering over 150 tonnes of plastic from littoral zones for direct inclusion in HP products.	**NOT DISCLOSED**
Mobike	**5%**	• Use 5% of recycled content for bike fenders and investigate the possibility of using recycled content on other bike parts. • The total recycled content usage is estimated to achieve 5% of the total plastics used in bikes.	-	**NOT DISCLOSED**

Signatory name:	2025 post-consumer recycled content target across all plastic used in products and components:		Volume of plastic used in products and components:
Philips	**10%**	We pledge to use 7600 tons recycled plastics by 2025. • The pledge is based on an assessment of recycling technologies and the expected improvements towards 2025. • The most important assumption is that colored PP, ABS and PC must be available by 2022 so we can implement this in our products before end of 2025 • Currently the cost of recycled plastics is below or on par with virgin plastics. • For Philips to reach the 2025 pledge the cost of recycled plastics must stay on par or below virgin within the region of production. Cost increases will reduce the speed at which recycled plastics can be introduced • The targets in the pledge are set on Philips' current product portfolio and sales volumes. In case we see major shifts in our product portfolio and polymer usage this will affect the amount of recycled plastics that can be used in 2025 • The scope of the pledge is on plastics consumption in our products as this is our most dominant plastics use, packaging is out of scope. All tonnages on total plastics consumption stated in the pledge are based on best available data at time of the pledge. • A big part of the plastics consumption in Philips products is used in skin and food contact applications. We do not expect that technology will allow us to use recycled plastics in skin contact and food contact parts. • The ongoing consultation on the interface between chemical and waste legislation should not create additional hurdles for the use of recycled plastics in our products. • We reserve the right to make changes to the pledge if any of the above conditions change.	**NOT DISCLOSED**
Preserve **Note:** Preserve has additional commitments detailed under the 'Packaged goods companies' category		• Preserve will source 5 million pounds of post consumer content by 2025 and are committed to finding ways to improve and expand our take-back recycling programs with both existing products and new products. • Preserve commits to moving their products to 100% compostable plastics, where we can confirm that the choice of plant based compost materials in our product leads to the least impactful material choice based on live cycle estimates. • The volume reported above is the amount of recycled PP used in 2018.	**1,000** metric tonnes

Signatory name:	2025 post-consumer recycled content target across all plastic used in products and components:		Additional commitments:	Volume of plastic used in products and components:
Re-Poly, Evertrak, QRS **Note:** Re-Poly, Evertrak, QRS has additional commitments detailed under the 'Collection, sorting & recycling' category	**100%**	• Our rail ties use 100% recycled content and weigh on average or 200-220 pounds. We intend to produce 3M composite rail-ties by 2025. This will consume over 1/2 billion pounds of recycled plastics. All post consumer.	• We are adding additional collection and processing plants to meet our rail tie production. $42M in additional capital to support this initiative. We intend to produce 3M composite rail-ties by 2025. This will consume over 1/2 billion pounds of recycled plastics. All post consumer. • Deploy our new US technology world wide. • We intend to invest in excess of $50 million in plastic recovery infrastructure over the next 5 years.	**NOT DISCLOSED**
Riversimple Movement Ltd	**45%**	• We continually concentrate on increasing recycled material content as materials become available. However, a major proportion of our plastics content is advanced composites; we are committed to developing closed loop recyclable advanced composites materials systems, in conjunction with our partners, as covered in Q4, but will not achieve this completely by 2025. This uncertainty is reflected in the figure above which includes composites content in our cars.	• Our goal is closed loop synthetic materials in our cars. In 2010, we commissioned EPEA to do a major study on closed loop composites, consulting multiple chemical companies. • We are working on various complementary programmes to address this major challenge but we do not have the expertise and resources to do this ourselves, or to predict the timescales.	**1*** metric tonnes *Note: We are still pre-revenue so are not providing any product to customers. The figures used are those involved in development work.

Signatory name:	2025 post-consumer recycled content target across all plastic used in products and components:		Additional commitments:	Volume of plastic used in products and components:
Schneider Electric		Schneider Electric commits to double the quantity of recycled plastics, post-industrial (external) and post-consumer in our products by 2025 (from the worldwide baseline of 2017). In the near future, our ambition is to have a target for post-consumer plastics within this commitment. Our short-term action plan is: • Explore immediately the availability of fully or partially recycled plastics in line with our technical and environmental requirements. • Work in close collaboration with our key plastics producers to develop technical grades for Electrical & Electronic products. • Create a new supply chain with our compounders and recycling centers focused on post-consumer recycled compounds. • Launch suitable pilot projects as proof-of-concept of increased amount of recycled plastics in products.	• Schneider Electric commits to use 100% cardboard and pallets for transport packing from recycled or certified sources by 2020 (2018-2020) • As of end 2018, we are at 60% of this target. • Schneider Electric also commits to use 100% packing and packaging from recycled or certified sources by 2030 (2018-2030).	**NOT DISCLOSED**
Stanley Black & Decker **Note:** Stanley Black & Decker has additional commitments detailed under the 'Packaged goods companies' category	**3%**	• Stanley Black & Decker commits to using 3% post-consumer recycled content on average (by weight) across all plastics used in products or components by 2025. • In 2019, Stanley Black & Decker will actively engage suppliers that offer materials with substantial amounts of Post-Consumer Recycled Content to understand if they are candidates for use in Stanley Black & Decker's products.	-	**NOT DISCLOSED**

Signatory name:	2025 post-consumer recycled content target across all plastic used in products and components:		Additional commitments:	Volume of plastic used in products and components:
Upp! UpCycling Plastic BV **Note:** Upp! UpCycling Plastic BV has additional commitments detailed under the 'Collection, sorting & recycling' category	**80%**	• In 2025 Upp! will use at least 250kt of recycled plastic waste annually as feedstock for durable and recyclable products made from local plastic waste for local use.	-	**NOT DISCLOSED**
Wraptie International Ltd.		• Continuing our policy of using R-PET whenever possible in our products and working with our suppliers to included recycled plastics where a solution does not currently exist.	• To increase the amount of recycled plastic used in our products by 25x to 19 tonnes per annum. • To decrease the amount of single use plastic used in transportation to zero.	**0.75** metric tonnes

A.7 SUPPLIERS TO THE PLASTIC PACKAGING INDUSTRY

NEW PLASTICS ECONOMY

Global Commitment

UN environment
United Nations Environment Programme

Supplier commitments

All suppliers to the plastics packaging industry that are business signatories to the Global Commitment:

1. Endorse the Global Commitment's common vision
2. Make the following individual commitments:
    a. Make an ambitious set of commitments that support the businesses in the plastics industry to achieve their commitments
3. Commit to collaborate towards increasing reuse/recycling/composting rates for plastics
4. Report annually and publicly on progress towards meeting these commitments, as well as on annual volumes (tonnes) of plastics production/use (the latter is used for aggregation purposes only, but individual public disclosure is encouraged).

Signatory name:	Commitments that help the businesses in the plastics industry to achieve their commitments:
Brightplus Oy	• Invest in product design and development for the innovation of materials that are biosourced, biodegradable and recyclable. • By 2020, show compliance with Green Chemistry principles for all our research, development and manufacturing processes, through adoption of an internal scorecard system. • By 2025 100% of the company's biosourced feedstock will be certified and responsibly managed in accordance with the main European and international standards.
Digimarc Corporation	• Digimarc commits to support the plastics packaging industry and the Global Commitment signatories through collaborative projects and other initiatives geared towards the development of a harmonized technology approach that will increase the opportunity for greater sorting accuracy, higher yields, and even help drive consumer engagement through using their smartphones to 'discover' recycling content on a package.
ENGEL Austria GmbH	We will support our customers achieve their circular economy ambitions through: • Innovative solutions enabling more stable processes despite differing raw material qualities and thus allow a higher usage of recycled content • Innovative solutions to help reduce scrap rates • Providing advice on how recycled material needs to be prepared upfront in order to ensure good processability on ENGEL machines • Improved co-injection technology and the possibility to process between 30-50% recycled material with the aim to increase this percentage by 2025 • Focusing and collaborating on customers´ development projects that ensure the reduction of material usage and / or the product design for higher recyclability and reusability
Husky Injection Molding Systems Ltd.	Husky Injection Molding Systems, a leading supplier to the plastic injection molding industry and global leader in PET preform, packaging and closure system solutions, commits to: • Continuously innovating and collaborating on solutions that enable increased recycled content into the package and improved recyclability. • Developing consumer packaging solutions that minimize environmental impact, are of highest functionality and convenience, with uncompromised food and consumer safety. This will be achieved through INNOVATION and COLLABORATION. • Continued research and collaboration on alternative materials and engineered packages. • Keeping our customers in the lead through solutions that further sustainability without sacrificing value, enabling them to achieve their sustainability goals. • Developing the best and safest packaging solutions. Now, and in the Future.

Signatory name:	Commitments that help the businesses in the plastics industry to achieve their commitments:	Additional commitments:
James Cropper PLC	1. James Cropper commits to support our customers to eliminate problematic or unnecessary plastic packaging through the supply of ColourformTM plastic free packaging and other paper alternatives. 2. James Cropper commits to increasing our capacity for CupCyclingTM (upcycling of paper cups) by working together with retailers, waste management companies, and other stakeholders to increase the collection and supply of used cups to our facility. We will also continue to work with our customer base to generate demand form the resulting recycled fibres. 3. James Cropper commits to send all plastic recovered during the CupCyclingTM process for recycling or re-use by 2025.	-
Loop	• Loop, a groundbreaking circular e-commerce platform, is committed to eliminating the idea of waste by shifting packaging from disposable to reusable. Today there is an accelerating waste crisis driven primarily by single-use consumer products being purchased at an ever-growing rate due to their convenience and affordability. Loop has partnered with some of the world's largest plastic polluters to create actionable solutions to eliminate problematic packaging and ultimately reduce their social and environmental impact. Loop is rooted in zero waste principles and hopes to act as a catalyst for circular economy innovation and sustainable development in the branded product space. • Loop aims to create a circular solution to packaging waste by providing a convenient and affordable use and collection platform. Built on the guiding principles of circular economy, Loop offers products in durable packages that are delivered, collected, cleaned, and re-used. Loop will continue to expand this model across its entire supply chain by eliminating all single-use shipping components by 2025. Loop is committed to a future where single-use products are a thing of the past. • Loop partners with some of the world's largest brands to push packaging sustainability beyond the obvious "lightweighting" approach. All packages offered through Loop are durable, reusable, and recyclable through TerraCycle. Through guidance from Loop's experts in durable packaging, brand partners are encouraged to use plastics only when necessary, instead favoring closed-loop materials, such as aluminum or durable glass. As Loop expands, it will continue to refine its design criteria, eventually asking brands to use majority recycled content in any plastic packaging by 2025.	• Eliminating disposability is an ambitious goal, and certainly not one that can be accomplished overnight. All packaging containers in Loop are designed to survive 100+ uses, but there are some components (e.g tamper evident seals) that currently have no durable solution. Loop will work with key stakeholders to develop groundbreaking solutions to move to completely reusable packaging systems by 2025. However, in the meantime, all unavoidable, disposable packaging and/or damaged components are being recycled through TerraCycle, the world's most innovative recycling company and Loop's parent organization. • Loop's unique reuse model, in partnership with TerraCycle, allows Loop to capture other forms of non-recyclable consumer waste like razor blades, toothbrush heads, and even dirty diapers, to divert even more waste from landfills.

Signatory name:	Commitments that help the businesses in the plastics industry to achieve their commitments:	Additional commitments:
Stora Enso	• Stora Enso will contribute to the elimination of problematic and unnecessary plastic packaging, by cooperating with our customers and supply chain to provide innovative, circular, and low-carbon alternative solutions that are based on renewable fibre sourced from sustainably managed forests and plantations.	-
TerraCycle	• TerraCycle is committed to offering affordable national recycling programs (by market) for many types of traditionally non-recyclable waste. This includes multi-layer flexible packaging, multi-component rigid products, etc. For brands, retailers, and other stakeholders who have publicly stated recyclability commitments, it is important that TerraCycle be a vehicle by which they can achieve their goals faster and easier. As a short-term goal, TerraCycle is proactively approaching every global company who has made a 2025 commitment regarding packaging recyclability and offered our help as a bridge to get there. We can run independent collection and recycling programs for different streams and put together a supply chain of processors and end-users to fulfill the complete recyclability goal. Our client base has grown between 10% and 20% year-over-year (globally) and we expect this to continue. • TerraCycle is committed to landfilling 0% of the raw materials we collect for recycling purposes, and we are committed to not using Waste-to-Energy except in cases where the law or safety regulations mandate it. • By comparison to traditional PCR suppliers, TerraCycle is a small boutique supplier. TerraCycle supplies unique sources of PCR that have a powerful story behind them. TerraCycle recycling streams are not traditionally accepted in curbside collection bins, thus developing a unique supply chain to collect and process hyper-focused streams from these unique sources. Instead of offering generic “recycled PET,” TerraCycle may offer PET pellets made from marine (ocean, beach, river) waste. Instead of offering generic “recycled PP,” TerraCycle may supply PP pellets made from the snack packaging collected in schools around America.	• Short term goals are to increase the amount of “storied plastic” that we sell around the world from both a “story” perspective and a “volume” perspective. For instance, in Year 1 of our storied plastics platform, the only true offering was our Beach HDPE and we sold about 30 tons of it. In year 2, we expanded the number of stories from 1 to 5, and sold over 100 tons of recycled material with a story behind it. Now, the short-term goal is to drive the amount of commercialized “stories” above 10 by 2020 – and to divert more than 200 tons of traditionally non-recyclable waste into new products. Long term, we commit to becoming a true, secondary source of PCR for brand partners and manufacturers globally. As demand for recycled content expands, and recycling rates (and the available qualifying plastic that results from that) remain static, there will be a need for NEW sources of recycled content that brands and manufacturers can use. We will be here to support that need as it develops.

Signatory name:	Commitments that help the businesses in the plastics industry to achieve their commitments:	Additional commitments:
UPM Raflatac	1. UPM Raflatac commits to develop labeling solutions and partnerships that support our customers in achieving their target of 100% of plastic packaging to be reusable, recyclable or compostable by 2025. 2. UPM Raflatac commits to offer customers thinner, lighter more resource efficient paper and film labeling materials that enable companies to reduce unnecessary plastic packaging. 3. UPM Raflatac commits to offer paper and films with a range of recycled content that are suitable and safe for different end-uses. 4. UPM Raflatac commits to develop removable labeling solutions that promote reusable packaging solutions. 5. UPM Raflatac will develop partnerships that will grow its RafCycle recycling programme and enable partnering end-users to return 100% of the PET and Paper label liners. 6. UPM Raflatac will source 100% of the plastic packaging it uses in its production units to be reusable, recyclable or compostable by 2025. 7. As UPM, the Biofore company, we will develop renewable alternative labeling solutions to support moving beyond fossils towards net positivity. 8. In our own production units we will target zero waste to landfill in line with our published 2030 targets.	Progress made in delivering solutions that promote the circular economy • Resource efficient film labels that help reduce plastic packaging today: LITE range, Vanish, PE65 and PET 23 • Labels with recycled content: PCR PET labels, Vanish PCR • Labels with wash-off or removable adhesive that promote the recyclability of PET and glass bottles • A range of paper (e.g. RAFNXT+) and other biobased labels (e.g. RAFBio PE) or components that offer renewable alternatives to plastic • The Rafcycle label waste recycling programme is now available in Europe, the USA, China and Thailand.
Verstraete in mould labels	• We will have a zero % of industrial plastic waste ending up in the environment or in landfills. • All our products (IML labels), seen as part of the final packaging will not hinder the final package to be 100% recyclable, reusable or compostable. • We will allocate the necessary R&D resources towards even more sustainable and circular IML products • We continue to work collaboratively across the plastic value chain to ensure that plastic packaging is sorted and recycled in practice and at scale	-

A.8 INVESTORS

NEW PLASTICS ECONOMY

Global Commitment

UN environment
United Nations Environment Programme

Investor commitments

All investors that are business signatories to the Global Commitment:

1. Endorse the Global Commitment's common vision
2. Make the following individual commitments (where 2025 refers to December 31, 2025):
    a. Invest a meaningful amount by 2025 in businesses, technologies, or other assets that work to realise the vision of a circular economy for plastics
3. Commit to collaborate towards increasing reuse/recycling/composting rates for plastics
4. Report annually and publicly on progress towards meeting these commitments.

Invest a meaningful amount by 2025 in businesses, technologies, or other assets that work to realise the vision of a circular economy for plastic:

Fifth Season Ventures	Fifth Season Ventures aims to invest **USD 100 million** by 2025 into startup companies innovating new materials, designs and technologies that help realize the common vision of the Global Commitment.	**USD 100 mln**
Closed Loop Partners	Closed Loop Partners will invest over **USD 50 million** until 2025 in businesses, technologies or other solutions that help realise the common vision of the Global Commitment. Work toward optimizing supply chains to ensure recycled plastics stay in the packaging supply chain.	**USD 50 mln**
Creolus	When funded Creolus intends to invest 100% of its funds, aiming for £50 million total fund size (so **GBP 40 million** available funds) to realise the vision of a circular economy for plastics - investing in technologies, businesses and assets.	**GBP 40 mln**
Ultra Capital	By 2025, Ultra Capital will invest **USD 50 million** in infrastructure assets that work to realise the vision of the circular economy for plastics.	**USD 50 mln**
Althelia Sustainable Ocean Fund	The Althelia Sustainable Ocean Fund will commit to invest at least **USD 10 million** in businesses, technologies, or other assets that work to realise the vision of a circular economy for plastics and create positive outcomes for the Ocean by 2025.	**USD 10 mln**
FORWARD.one Venture Capital for Hardware	**EUR 6 million euros** (~25% of our fund) will be invested in hardware tech solutions that will improve plastics recycling and thus the circular economy for plastics.	**EUR 6 mln**

B. GOVERNMENT SIGNATORIES

NEW PLASTICS ECONOMY

Global Commitment

UN environment
United Nations Environment Programme

Government commitments

All government signatories to the Global Commitment:

1. Endorse the Global Commitment's common vision
2. Commit to have ambitious policies and measurable targets in place well ahead of 2025 in order to realise and report tangible progress by 2025, in each of the following five areas (where 2025 refers to December 31, 2025):
    a. Stimulating the elimination of problematic or unnecessary plastic packaging and/or products
    b. Encouraging reuse models where relevant, to reduce the need for single-use plastic packaging and/or products
    c. Incentivising the use of reusable, recyclable, or compostable plastic packaging
    d. Increasing collection, sorting, reuse, and recycling rates, and facilitating the establishment of the necessary infrastructure and related funding mechanisms
    e. Stimulating the demand for recycled plastics
3. Commit to collaborate with the private sector and NGOs towards achieving the Global Commitment's common vision (e.g. through Plastics Pacts)
4. Report annually and publicly on the implementation of these commitments and progress made

Note: At the time of this report, March 13th, the commitments of governments signatories France and Copenhagen were not ready to be included in this report

GOVERNMENT SIGNATORY

City of Austin, TX, US (1 of 2)

Take action to eliminate problematic or unnecessary plastic packaging:

Austin previously implemented an ordinance that prohibited businesses from distributing single use bags, which reduced plastic bag litter by 75%. Austin lost its ability to enforce the Single-Use Carryout Bag Ordinance. However, Austin has publicly re-affirmed its commitment to the goals of the ordinance and is implementing a social media campaign to encourage Austinites to continue their practice of bringing their own bags. Austin is increasing engagement with retailers to identify effective strategies to reduce all single use plastic items, such as bags and straws. Austin also operates a Zero Waste Block Leaders program that empowers zero waste champions to educate their neighbors about how to reduce waste in their home. At community outreach events, the City educates the public about reducing waste and gives away canvas shopping bags, reusable produce bags, and other reusable items that replace single use products.

Encourage reuse models where relevant, to reduce the need for single-use plastic packaging and/or products:

Promoting the Austin Materials Marketplace materials exchange as a method for finding reuse homes for commercial plastic items; promoting the online Austin Reuse Directory for encouraging donation and resale of reusable plastic items by residents and businesses; leading the statewide State of Texas Alliance for Recycling's Reuse Council which provides education on reuse business models and programming; encouraging reuse models in commercial zero waste site assessments and business training courses; educating the public about reuse through a public awareness campaign; annually recognizing the importance of reuse through a City Council proclamation of Austin Reuse Day.

Incentivise the use of reusable, recyclable or compostable plastic packaging:

Austin Offers a business rebate for businesses to implement zero waste practices, which includes replacing single use disposable items with recyclable or reusable items; enforcing the Universal Recycling Ordinance which requires all businesses to have recycling access; enforcing the Special Events Ordinance which requires large events to create a waste reduction and diversion plan.

GOVERNMENT SIGNATORY

City of Austin, TX, US (2 of 2)

Increase collection, sorting, reuse and recycling rates, and facilitate the establishment of the necessary infrastructure and related funding mechanisms:

Austin continues to offer curb side recycling of all rigid plastics (#1-7); expanding plastic film and foam drop-off with the planned establishment of a new recycling and reuse drop off centre; considering moving from bi-weekly to weekly recycling; increasing individualized education on proper sorting for curb side recycling; an advertising campaign on recycling right which includes education on how to properly recycle film; prioritizing companies that use reused and recycled feedstock in the City's economic development policy.

Stimulate demand for recycled plastics:

Austin will only purchase recycled content items when buying plastic educational items (i.e. recycled water bottle pens, recycled plastic rulers) and communicates to the public about their recycled content at outreach activities; promoting a directory of local businesses that sell recycled or reused items, such as recycled plastic toys, or offering reuse and repair services.

Additional commitments:

Austin will steadily work towards the City’s Zero Waste goal of diverting 90% of material away from landfills or incineration by 2040, and the City’s goal to reach net-zero community-wide greenhouse gas emissions by 2050.

GOVERNMENT SIGNATORY

City of Ljubljana (1 of 2)

Take action to eliminate problematic or unnecessary plastic packaging:

- Purchasing of sustainable products – City of Ljubljana & public companies will primarily buy promotional and protocol gifts priory made in Slovenia, from local materials that do not contain plastic and in environmentally friendly packaging. An internal e-catalogue of plastic free or 100% recycled plastic products will be set up as a result of public calls.
    - Indicator: number of sustainable products in e-catalogue, acquired by the public calls (annually 2018-2025).

- Cooperation with national authorities in the preparation of new legislation on waste management.
    - Indicator: Number of proposals from the City of Ljubljana and number of proposals taken into account.

Encourage reuse models where relevant, to reduce the need for single-use plastic packaging and/or products:

- Establishment of 2 re-use centres and network of mini collection centres in local districts.
    - Indicator: number of re-use and mini collection centres (annually 2018-2025)

- Public company Žale will, in accordance with market demands, strive for the greatest possible supply of ecological candles in Plečnik's flower shop. Each year, 16 million candles are spent in Slovenia, which is an average of eight candles per capita. After the consumption of candles, Slovenians occupy the third place in the world and, up to date, not all waste candles are recycled.
    - Indicators: share of ecological candles sold in Plečnik's flower shop (annual 2018-2025)

Incentivise the use of reusable, recyclable or compostable plastic packaging:

- Campaign on use of plastic-free bags – plastic bag free city centre.
    - Indicator: number of shops without plastic bags (annually 2018-2025).

- Establishment of sales points without packaging - 2 location every 3 years and promotion of shops without packaging on the city website and social networks and the website of Tourism Ljubljana.
    - Indicator: Number of sales points and number of posts (annually 2018-2025).

GOVERNMENT SIGNATORY

City of Ljubljana (2 of 2)

Increase collection, sorting, reuse and recycling rates, and facilitate the establishment of the necessary infrastructure and related funding mechanisms:

- Increase the share of separately collected packaging. Ljubljana as the first European capital has joined the Zero Waste Network. In line with the commitment of the Zero Waste Strategy we will collect 44 kilos packaging per capita in 2019 and 55 kilos of packaging in 2025.
    - Indicator: volume of separately collected packaging per capita (annually 2018-2025).

Stimulate demand for recycled plastics:

- Report on the possibility of setting up a deposit system of return packaging on public events.
    - Indicator: report yes / no.

GOVERNMENT SIGNATORY

Environment Department, Ministry of Environment, Energy and Climate Change, Republic of Seychelles (1 of 2)

Take action to eliminate problematic or unnecessary plastic packaging:

Seychelles has already started putting in place restrictions on plastic products, we started with a ban on single-use plastic bags, styrofoam take-away boxes in January 2017, as of January 2019 we will put in place a ban on single-use plastic straws. We hope to continue exploring other restrictions on other items in the future. At the same time we hope to continue with the education to stakeholders on the need to reduce unnecessary plastic packaging. The subject of plastics is also being addressed in our revised Waste Management Policy.

Encourage reuse models where relevant, to reduce the need for single-use plastic packaging and/or products:

Seychelles has been encouraging the 3R's (Reduce, Recycle and Reuse)in our environmental education programmes and campaigns for several decades now, we hope to continue with this. We hope to work with small businesses or SMEs in this direction to discourage them as much as possible in using single-use plastics in their packaging. Educating the consumers also is key in reducing the consumption of products with single-use plastics

Incentivise the use of reusable, recyclable or compostable plastic packaging:

Seychelles hopes to continue exploring financial options with government for businesses operating in the solid waste management sector especially in recycling activities and also businesses bringing alternatives to single-use plastics so as to make it more economical and financially viable to operate in the business. For the moment there is VAT Exemption for businesses operating in the sector. Other schemes will continue to be explored to facilitate a more conducive business environment for those interested in venturing in the sector.

GOVERNMENT SIGNATORY

Environment Department, Ministry of Environment, Energy and Climate Change, Republic of Seychelles (2 of 2)

Increase collection, sorting, reuse and recycling rates, and facilitate the establishment of the necessary infrastructure and related funding mechanisms:

Seychelles has a recycling programme for PET Plastic bottles we hope to continue to make the programme more effective to recycle more plastics. The government also hopes to eventually explore the feasibility of a pilot project at one of the largest public residential areas and also continue to work with the private sector to put schemes in place for more sorting and recycling.

Stimulate demand for recycled plastics:

Seychelles does not manufacture plastic products so we are more a consumer than producer of plastics, however we will continue with our education and awareness on the subject of recycled plastics through products that our people buy.

GOVERNMENT SIGNATORY

Generalitat de Catalunya (1 of 2)

Take action to eliminate problematic or unnecessary plastic packaging:

- The government of the Generalitat de Catalunya develops actions designed to promote changes in production and consumption patterns that result, among others, in the elimination of overpacking. Some of these actions, framed in the Catalan Strategy of Ecodesign and the Program of Prevention and Management of Waste and Resources of Catalonia (PRECAT20) are: subsidy lines to promote the circular economy in companies (ecodesign, return systems, reuse, etc.). , the organization of the Catalonia Ecodesign Award every two years (since 2001), the publication of the Catalan ecodesign Catalogue, dissemination and training activities for companies, etc.
- In addition to this, the Government of Catalonia will promote, in next months, a new “Law on prevention and management of waste and for an efficient use of resources” that will focus, among other, aspects related to prevention from its beginning, that is, before the introduction of products on the market. In this sense, the law will address the reduction of superfluous or unnecessary packaging, the elimination of certain disposable plastic products, the promotion of reusable packaging and, whenever possible, the substitution of packaging materials for other more environmentally friendly.

Encourage reuse models where relevant, to reduce the need for single-use plastic packaging and/or products:

- In addition to the actions detailed in the previous point, subsidy calls are published annually aimed at local authorities, non-profit entities and universities aimed at promoting actions of prevention and preparation for reuse. There are also actions to promote and disseminate, such as the annual waste prevention conference, the organization of the European Week for Waste Reduction (http://www.ewwr.eu), and dissemination through technical publications such as the "Guide for the development of prevention activities and preparation for reuse in municipal facilities“.

Incentivise the use of reusable, recyclable or compostable plastic packaging:

- On the demand side, we stimulate green public procurement of reusable, recyclable, recycled or compostable plastic products and packaging, through governmental agreements, the inclusion of specific clauses in bid and public tenders, framework agreements for centralised purchasing activities and Green Public Procurement guides.
- In particular, in July 2018 the Ministry for Territory and Sustainability issued a circular limiting the use of single-use plastics within its facilities. At present, a government agreement is being finalized extending the limitation to all Government and public sector bodies' facilities and public events
- The Catalan Ecolabel, the Emblem of Guarantee of Environmental Quality, a type I ecolabel, includes circular criteria in each product groups concerning the efficient use of resources, the use of reusable, recyclable, compostable or recycled plastics in products and packaging. There are specific products groups about recycled plastic products and about compostable products.

GOVERNMENT SIGNATORY

Generalitat de Catalunya (2 of 2)

Increase collection, sorting, reuse and recycling rates, and facilitate the establishment of the necessary infrastructure and related funding mechanisms:

The Program of Prevention and Management of Waste and Resources of Catalonia (PRECAT20) includes ambitious goals, such as:

- Reduce effectively the generation of waste, and specifically reduce by 15% by weight the total primary waste generation in Catalonia (municipal, industrial and construction waste) compared to 2010.
- Reduce by 90% by weight the consumption of non-compostable plastic bags with respect to 2007.
- Increase the gross separate collection up to 60% of municipal waste generated
- Increase preparation for reuse plus material recovery up to 55% by weight of the municipal waste generated, for fractions of paper, glass, metal, plastic, biowaste and other recyclable fractions

Various actions have been launched to achieve these objectives (more detail in:
http://residus.gencat.cat/ca/ambits_dactuacio/planificacio/index.html)

Stimulate demand for recycled plastics:

- In addition to the actions detailed above (training, grants, awards), specific subsidy calls have been established to help the industry to increase consumption of recycled materials, through research projects or demonstration projects and pilot tests. It is important to highlight that an important part of the funds that endow these actions come from the landfill and incineration tax established in Catalonia since 2004 for municipal waste and since 2014 for industrial waste.

Additional commitments:

- In Catalonia we have the experience of agreeing with the private sector for the reduction of single-use plastic. Specifically, in 2009 the first Bag Agreement was signed with all the representative retail associations in Catalonia and the manufacturers of plastic bags. This pact allowed to reduce dramatically (more than 50% reduction between 2007 and 2012) the consumption of disposable plastic bags in Catalonia.
- Several work boards have been promoted in recent years with representatives of sectors of food and catering, textile sector, hygiene products sector, automotive sector, in order to jointly search for the solution of problems such as food wastage, reuse and recovery of textile waste, the collapse of sanitation systems and contamination of marine systems, the adaptation of cars recycling managers in the transition to electric or hybrids cars.
- The Ministry of Territory and Sustainability and the Catalan Drinking Water Bottlers Association are preparing a voluntary agreement with ambitious targets and initiatives to do an efficient use of resources and to promote the transition to a circular economy of this sector.

GOVERNMENT SIGNATORY

Government of Chile (1 of 2)

Take action to eliminate problematic or unnecessary plastic packaging:

Chile has successfully implemented the law which bans the use of plastic bags, from February 3rd, 2019. The Chilean government will foster voluntary commitments on banning unnecessary plastic products, like straw for drinks and will establish additional requirements in the regulations on EPR for packaging.

Additionally, it will restrict the purchase of single use plastics by all government institutions during 2019.

Encourage reuse models where relevant, to reduce the need for single-use plastic packaging and/or products:

Chile will implement a mandatory EPR scheme on packaging, including specific requirements on single-use plastic packaging. The draft rule will be ready on May 31st, 2019. Special incentives will be provided to reusable packaging.

Incentivise the use of reusable, recyclable or compostable plastic packaging:

The packaging EPR scheme will include specific targets to encourage the use of reusable and recyclable plastic packaging.

An eco-label on circularity of plastic packaging will be developed, showing consumers which products use the minimum possible packaging, can be recycled locally and do not harm the environment. The methodology will be ready in 2019 and products will start getting the label in 2020.

GOVERNMENT SIGNATORY

Government of Chile (2 of 2)

Increase collection, sorting, reuse and recycling rates, and facilitate the establishment of the necessary infrastructure and related funding mechanisms:

The packaging EPR scheme will include specific targets on collection and recycling. The draft of the containers and packaging product will be ready on May 31st, 2019.

Chile will build infrastructure for recycling in the Metropolitan, Araucanía and Bío regions.

Stimulate demand for recycled plastics:

The packaging EPR scheme will include specific requirements on the use of recycled plastics in new packaging products.

Additional commitments:

Supporting a cross-value chain collaborative initiative on plastics, involving a range of stakeholders including the private sector – the Chilean Plastics Pact, to be launched in 2019. This initiative could include targets such as:

- Taking action to eliminate problematic or unnecessary packaging through redesign, innovation or reuse models in an ambitious timeframe;
- 100% of plastic packaging to be reusable, recyclable or compostable by in an ambitious timeframe;
- 100% of plastics packaging to be reused, recycled or composted in practice in an ambitious timeframe;
- Setting an ambitious time-bound for recycled content target across plastic packaging used.

Leading companies have been invited to take up this challenge.

GOVERNMENT SIGNATORY

Government of Grenada (1 of 2)

Take action to eliminate problematic or unnecessary plastic packaging:

The Government of Grenada implemented the Non Biodegradable Waste Control Act, starting with the complete ban on the importation of polystyrene commonly referred to as ‘Styrofoam’ effective September 1, 2018. The importation ban will be followed by sale sanctions on ‘Styrofoam’ effective March 1, 2019 and a complete embargo on its use a month later. The Act will also bar all single use plastics such as shopping bags, cutlery, plates, straws and cups by February 1, 2019.

Encourage reuse models where relevant, to reduce the need for single-use plastic packaging and/or products:

The Government of Grenada, in 2016, signed a Memorandum of Understanding with Parley for the Oceans focused on implementing Parley's Avoid Intercept and Redesign Strategy to stimulate plastics recycling and removal in and effort to enhance island wide plastics waste management.

Incentivise the use of reusable, recyclable or compostable plastic packaging:

The Government of Grenada will encourage private and commercial business to replace non-biodegradable products, including single use plastics products, with reusable, recyclable and compostable alternatives.

Government of Grenada (2 of 2)

Increase collection, sorting, reuse and recycling rates, and facilitate the establishment of the necessary infrastructure and related funding mechanisms:

The Government of Grenada has initiated discussion on a plan for long-term recycling, including the erection of a plastics recycling and processing facility.

Stimulate demand for recycled plastics:

The Government of Grenada will work with all public and private stakeholders, including local businesses and commercial ventures to raise awareness and disseminate knowledge supporting the replacement of virgin plastics with recycled alternatives with the goal of phasing out of plastic use in favor of much more environmentally friendly alternatives.

Additional commitments:

The Government of Grenada commits to meeting its sustainable development goals, and highly supports SDG 14 which focuses on Oceans, as well as the UN Environment objectives under its Regional Seas campaign and Cartagena Convention. In recent years the Government of Grenada has shown leadership in promoting and transitioning towards a Blue Economy with specific focus on sustainable development and conservation of the natural capital within our Oceans.

GOVERNMENT SIGNATORY

Government of Rwanda (1 of 2)

Take action to eliminate problematic or unnecessary plastic packaging:

- Enacting and enforce the law prohibiting the manufacture, import, use and sale of single use plastics.
- Emphasis will be put on raising awareness for behavior change vis-a-vis packaging, enforcing sanctions provided for by this law, and putting in place adequate means of verification for imported package materials

Encourage reuse models where relevant, to reduce the need for single-use plastic packaging and/or products:

- Incentivising the use of recyclable/recycled plastics and promote green public procurement. In this regard, new technologies will be given priority.

Incentivise the use of reusable, recyclable or compostable plastic packaging:

- Promoting investment in reusable, recyclable and/or compostable plastic packaging materials

GOVERNMENT SIGNATORY

Government of Rwanda (2 of 2)

Increase collection, sorting, reuse and recycling rates, and facilitate the establishment of the necessary infrastructure and related funding mechanisms:

- Reviewing guidelines on waste collection systems, improving waste segregation and sorting.
- Enforcing existing obligations of separation, collection and transportation of solid wastes
- Raising awareness on collection and sorting, and reuse of plastic materials
- Funding potential projects in the area of waste management through the Rwanda Green Fund.

Stimulate demand for recycled plastics:

- Raising awareness among local businesses and all potential consumers on the use of recycled plastics to strengthen the circular economy approach

GOVERNMENT SIGNATORY

Government of the United Kingdom (1 of 2)

Take action to eliminate problematic or unnecessary plastic packaging:

- We are banning plastic products where there is a clear case for it, and where alternatives exist. In England, we have consulted the public on banning plastic straws, stirrers and cotton-buds and will soon publish our response. In Scotland, we expect a ban on the sale of plastic-stemmed cotton buds to be introduced in 2019, also after a consultation.
- We have also targeted single-use plastic bags, which when littered or dumped harm landscapes, waterways and wildlife. In England the carrier bag charge scheme is being extended to all retailers and the 5p charge is due to rise (both subject to consultation). In Wales, Scotland & Northern Ireland all sellers are already covered under their carrier bag schemes. The Scottish Government has committed to increasing its single use carrier bag charge to 10p.
- The government is leading by example – pledging to remove consumer single-use plastics from the central UK government estate and Welsh Government Offices by 2020. The Scottish government is also removing single-use cups from its estate and working on alternatives to single-use plastics.
- In Wales, the National Procurement Service and Value Wales are working with public bodies to improve their carbon footprint and reduce their use of single-use plastics.

Encourage reuse models where relevant, to reduce the need for single-use plastic packaging and/or products:

- We are supporting consumer campaigns aimed at making reuse easier.
- In England and Wales, for example, we already support the ‘Refill' campaign which promotes reusable water bottles.
- Scottish Water is rolling out water ‘top up taps’ at 30 locations across the country; Scotland has also set up a specialist panel to consider how best to tackle single-use items and has agreed in principle to charge for single-use cups.

Incentivise the use of reusable, recyclable or compostable plastic packaging:

- We are invoking the ‘polluter pays’ principle through extending producer responsibility for packaging, meaning that producers will pay the full net costs of managing packaging waste at end of life. In this way, we will incentivise producers to design their packaging in such a way that it’s easier for it to be recycled at end of life. A consultation is underway and a reformed system is expected to be operational in 2023.
- As keen supporters of the trailblazing UK Plastics Pact, we welcome the commitments made by business signatories who are leading the way in tackling the scourge of plastic waste.
- We are also exploring the role that the development of standards for biodegradable plastics could play as part of our ambitions to protect and enhance the environment. We will launch a call for evidence this year to assess how to design and develop appropriate standards on the biodegradablity of plastics.

GOVERNMENT SIGNATORY

Government of the United Kingdom (2 of 2)

Increase collection, sorting, reuse and recycling rates, and facilitate the establishment of the necessary infrastructure and related funding mechanisms:

- We are confident that recycling rates will improve if we tackle current confusion over what can and should be collected.
- Our plan is to ensure that a consistent set of dry recyclable materials is collected by councils from all households and businesses in England (this is being consulted on early in 2019). Wales and Northern Ireland have largely achieved this target: Wales has statutory municipal waste recycling targets for local authorities (70% for 2025) and will consult in 2019 on increasing them after 2025. The Scottish Government has agreed a Household Waste Recycling Charter with the majority of local authorities to improve consistency of collections.
- We will also be introducing a Deposit Return Scheme for single-use drinks containers following extensive research into which design we should adopt. This will reward people for bringing back their bottles and encourage them not to litter their empties. Proposals are being consulted on in England, Wales and Northern Ireland in early 2019; a separate consultation has been conducted in Scotland, where the Scottish Government is designing a scheme that will increase recycling and reduce litter.
- We will make it easier for consumers to know what packaging they can recycle by adopting mandatory labelling. This will form part of the consultation into packaging reform in early 2019.

Stimulate demand for recycled plastics:

- We are introducing a tax on plastic packaging that contains less than 30% recycled content from April 2022. This is being consulted on early 2019.
- Wales has developed a Route map for Plastic Recycling to support and encourage the development of new business opportunities, innovations and technologies through the plastics chain.

Additional commitments:

- Pledged £20 million to the Plastics Research and Innovation Fund (PRIF – co-ordinated by Innovate UK and EPSRC), which aims to reduce the environmental costs of plastic and litter.
- Announced (in autumn 2018) an additional £20 million of funding to help reduce society's reliance on plastics. Of this amount, half will complement the work of the PRIF, focusing on research and development to help business transition away from polluting plastics. This will include exploration of new packaging materials, new recycling processes and packaging waste management.
- The other £10 million will be used to pioneer innovative approaches to boosting recycling and reducing litter. Through the Industrial Challenge Fund, the government has pledged up to £60m (depending on matched funding from industry) to make the UK a world leader in creating sustainable packaging and reducing the impact of harmful plastics on the environment.

GOVERNMENT SIGNATORY

Ministry for the Environment New Zealand

(1 of 2)

Take action to eliminate problematic or unnecessary plastic packaging:

- Phase-out of single-use plastic shopping bags (implementation guidelines will be coming into force by July 2019).
- Supporting the New Zealand Plastic Packaging Declaration (industry to work towards using 100% reusable, recyclable or compostable packaging by 2025 or earlier).

Encourage reuse models where relevant, to reduce the need for single-use plastic packaging and/or products:

- Promotion of Circular Economy through
    - The Waste Minimisation Fund
    - The New Zealand Plastic Packaging Declaration
- Voluntary Product Stewardship schemes. Schemes currently underway that address plastic are: Plasback (silage wrap and other agricultural plastics), Agrecovery (plastic agrichemical containers) and Fonterra Milk for School's Recycling Programme (plastic components of milk cartons and straws).

Incentivise the use of reusable, recyclable or compostable plastic packaging:

- Promoting The New Zealand Plastic Packaging Declaration
- Projects funded under the Waste Minimisation Fund
- Preliminary investigations to review standards on labelling

GOVERNMENT SIGNATORY

Ministry for the Environment New Zealand

(2 of 2)

Increase collection, sorting, reuse and recycling rates, and facilitate the establishment of the necessary infrastructure and related funding mechanisms:

- Increasing and expanding the waste levy (provides efficiency in funds allocation, especially infrastructure, and will promote onshore processing capability)
- Reviewing our investment approach and database collection
    - Developing a robust database will help measure the impact of investments on the waste and recovery system within New Zealand.
    - Review investment to ascertain how funds may be further utilised to achieve greatest impact including targeting establishment of infrastructure required to increase collection, sorting, reuse and recycling.

Stimulate demand for recycled plastics:

- Developing a Circular Economy Plastics Action Plan
    - Efforts in this area will include New Zealand's actions to address China's National Sword policy through the recommendations of the National Resource Recovery Taskforce.

GOVERNMENT SIGNATORY

Ministry of Environment and Energy Transition of Portugal (1 of 2)

Take action to eliminate problematic or unnecessary plastic packaging:

- Portugal's Council of Ministers Resolution approved on the 18th of October 2018, introduced public procurement directives to reduce the use of single-use plastic items in the Government, including direct and indirect public management level. It entered into force on January 1st 2019, and it will be reviewed on January 31st 2020.
- Other measures:
    - A Work Group on Plastics (Green Fiscal Measures) has been assembled in 2018, and it has recently delivered (December 2018) additional fiscal/regulatory suggestions to reduce single-use plastic, for example introducing levies on plastic bags over 50 microns or a ban on oxo-degradable plastic products.
- The Government will be taking these suggestions into policy development, and as a result it has already committed with the anticipation of the European directive 2018/0172 (COD) transposition into Portuguese law by one year.

Encourage reuse models where relevant, to reduce the need for single-use plastic packaging and/or products:

- Portugal encourages the 3R's (reduce, reuse, recycle) in environmental education programs and campaigns through the National Strategy for Environmental Education, which features an axis on Circular Economy.
- The National Environmental Funding Program and the use of plastics:
    - Rethinking Plastics in Economics: Designing, Use, Regenerate (last): implementation of solutions that integrate the principles of circular economy in the plastic value chain, especially in disposable plastics made from fossil sources;
    - The "Program Sê-lo Verde 2018" (Be Green 2018) aims to encourage the adoption of environmental good practices and innovation, and to address environmental social and economic impacts in major events by financing green measures to be taken in these events, like for instance, imposing the implementation of a reusable cup scheme as a precondition for applicants. This program has recently been deployed for 2019;
    - A Circular Deal for Plastics was expanded to include the Distribution and Logistics Association (which include the major retail chains) and also to include the Food Industry Association. In these contexts, the issue of packaging reuse should be encouraged as a topic on which to work for solutions, given that the offer of supermarkets featuring bulk product sales is increasing.

Incentivise the use of reusable, recyclable or compostable plastic packaging:

- A Circular Deal on plastics has been signed with beverage, hotel and restaurant, retail and food industry associations, in order to develop approaches to improve the circularity of plastics in Portugal.
- The National Environmental Funding Program, through its support to circular economy solutions, has included the development of innovative solutions for plastic substitution by natural materials and innovation in reusable packaging;
- The recommendations put forth by the Plastics Working Group include the suggestion that by January 1st 2023 all first contact plastic bags (under 15 microns) are biodegradable/compostable according to the norms established at the time.

GOVERNMENT SIGNATORY

Ministry of Environment and Energy Transition of Portugal (2 of 2)

Increase collection, sorting, reuse and recycling rates, and facilitate the establishment of the necessary infrastructure and related funding mechanisms:

- In addition to the Extended Producer Responsibility schemes for packaging and packaging waste already in place (there are 3 licensed management entities), it is expected, under the established licensing terms, a move towards deposit return schemes (DRS), for which support is being prepared at government level and a pilot program is being put in practice. The obligation to established DRS will be into force after 1 January 2022, as defined in Law n.º 69/2018, 26th December;
- Support awareness campaigns for the reduction, reuse and recycling of plastics, through the National Environmental Funding Program;
- In 2019 there is a support of €1,6 Million of the Environmental Fund explicitly for this purpose.

Stimulate demand for recycled plastics:

- The Work Group on Plastics and the Work Group on the Urban Waste National Plan are currently reviewing landfill and energy recovery waste taxes, which can be seen as an indirect stimulus to recycling or reuse options.
- The National Circular Economy Plan also includes an orientation to evaluate eco values in packaging placed in the market that has eco-design/reusable schemes/recyclable content;
- The recommendations put forth by the Plastics Working Group include a reduced levy/zero levy for the plastic bags over 50 microns that incorporate at least 70% of recycled plastic content;

GOVERNMENT SIGNATORY

Ministry of the Environment Peru (1 of 2)

Take action to eliminate problematic or unnecessary plastic packaging:

- Implementing legislation which regulates single use plastic at a national level, prioritizing the following goods: Bags, straws and expanded polystyrene to contain food and drinks.
- Developing actions or activities of education, training and awareness about the responsible consumption of plastic jointly between the President, Ministries and Local Governments.
- Implementing a legislation which regulates single use plastic inside Natural Protected Areas, Cultural Heritage of Natural Patrimony of the Humanity declared areas, museums, and public institutions

Encourage reuse models where relevant, to reduce the need for single-use plastic packaging and/or products:

- Generating technical standards with the purpose of standardizing concepts and criteria to define returnable/reusable products, manufacturing and ease of return to the productive process.
- Signing Clean Production Agreements with the main industries of single-use plastic containers and/or products
- Promoting actions aimed at plastic containers and packaging reuse

Incentivise the use of reusable, recyclable or compostable plastic packaging:

- Implementing regulations that reduce the use of single use plastics, seeking its progressive replacement by reusable, recyclable, biodegradable plastic or others whose degradation does not generate contamination by microplastics or dangerous substances, ensuring their recovery.
- Developing technical standards to standardize the production of plastic containers and packaging which facilitate their valorization in the post-consumption stage.
- Generating guidelines oriented to the public sector for the acquisition and use of reusable, recyclable or compostable plastic containers and packaging.
- Establishing and implementing dissemination, education and awareness strategies for the responsible consumption of plastic aimed at the general population.
- Signing Clean Production Agreements with the main industries of single-use plastic containers and / or products.

GOVERNMENT SIGNATORY

Ministry of the Environment Peru (2 of 2)

Increase collection, sorting, reuse and recycling rates, and facilitate the establishment of the necessary infrastructure and related funding mechanisms:

- Promoting the implementation of solid waste collection centers, in coordination with local governments and industries to encourage plastics selective collection
- Promoting public and private investment in infrastructure, facilities and services for the integral management of waste, including plastic.

Stimulate demand for recycled plastics:

- Implementing standards that establish the obligation to use recycled material in polyethylene terephthalate bottles
- Subscribing Clean Production Agreements with the main industries that produce single-use plastic containers and/or products to increase the percentage of recycled plastic in the production of their goods
- Boosting the formalization and strengthening of plastic value chain actors, emphasizing the active participation of recyclers and local governments
- Encourage eco-design and eco-packaging within the plastic industry

Additional commitments:

- Promote incentives to implement new technologies for the development of substitute goods
- Review, update and generation of standards that contribute into plastic circular models migration such as: eco-labeling, eco-design, returnability/reuse.
- Articulate and strengthen the monitoring of microplastics in marine- coastal ecosystems

GOVERNMENT SIGNATORY

São Paulo City Hall (1 of 2)

Take action to eliminate problematic or unnecessary plastic packaging:

- Stimulating the dissemination of awareness campaigns on the elimination of single-use, problematic or unnecessary plastic packaging and/or products;
- Supporting Bill 99/2018, which prohibits the provision of straws made of plastic material in places where the Bill specifies and other projects of the same nature;
- Forming an Intersecretarial working group to discuss the contribution of each sector of the municipality to achieve the elimination of problematic, unnecessary or single use plastic products/packaging;
- Discussing in working groups, with stakeholders, the elimination of problematic, unnecessary or single-use plastic products/packaging;
- Reinforcing public policies, within this theme, which are already in motion in the city;

Encourage reuse models where relevant, to reduce the need for single-use plastic packaging and/or products:

- Supporting and promoting the use of reusable products in all municipal equipment, events and meetings promoted by the City Hall, in order to avoid the use of plastic products/packaging of single use;
- Forming an Intersecretarial working group to discuss the contribution of each sector of the municipality to put into practice the reduction of single use plastic products/packaging;
- Discussing in working groups, with stakeholders, reuse models, in order to reduce the need for single-use plastic packaging and/or products;
- Reinforcing public policies, within this theme, which are already in motion in the city;

Incentivise the use of reusable, recyclable or compostable plastic packaging:

- Carrying out public awareness campaign to reinforce the use of reusable bags. The São Paulo Municipality, through the Municipal Decree no 55/2015, instituted technical specifications and charging for the reusable bioplastic bags by the commercial establishments in São Paulo;
- Promoting campaigns to stimulate the use of reusable cups in the municipal departments of São Paulo City Hall;
- Discussing in working groups, with the stakeholders, plastic packaging reuse models in order to reduce the single-use plastic packaging and/or products;
- Forming an Intersecretarial working group to discuss the contribution of each sector of the municipality in order to analyze the possibility to use reusable, recyclable or compostable plastic products/packaging;
- Promoting more sustainable public procurement in São Paulo city, avoiding whenever possible, the purchase of single-use plastic product, preferring reusable, recyclable or compostable plastic products/packaging;
- Reinforce public policies, within this theme, which are already in motion in the city;

GOVERNMENT SIGNATORY

São Paulo City Hall (1 of 2)

Increase collection, sorting, reuse and recycling rates, and facilitate the establishment of the necessary infrastructure and related funding mechanisms:

- Supporting and carrying out public awareness campaign about the correct waste segregation at source and how to properly destinate it, in order to boost the selective collection rates;
- Stimulating the waste segregation at source and the adherence to the selective collection in municipal buildings;
- Make feasible and supporting projects that promotes the recyclable waste pickers formalization and training, in order to strengthen the cooperatives and increase their efficiency, mainly so they can organize themselves and establish a commercial network that will bring them closer to the transformation industry in addition to be able to engage in the future model of the reverse logistics, primarily packaging;
- Extending the selective collection through the expansion of VDPs (Voluntary Delivery Points), in order to increase the selective collection rates in the public collection system, or, through ‘Terms of Commitment” with the private sector;
- Developing studies to implement “Eco-Industrial parks” as a facilitating structure and impeller of new technological routes, seeking to increase the reuse of waste;
- Discussing in working groups with private actors responsible for reverse logistics, measures to increase the recycling rates in São Paulo City.

Stimulate demand for recycled plastics:

- Promoting more sustainable public procurement in São Paulo city, fostering whenever possible, the purchase of products made from recycled plastic;
- Discussing in working groups with private actors responsible for reverse logistics and the plastic industry, measures to increase the recycling rates of the material, get to know the recycled plastic market and to analyse possible incentives for the market;
- Formulating public policies to stimulate the recycled plastic chain;
- Stimulating the development of new technologies for recycled plastics.

GOVERNMENT SIGNATORY

Scottish Government (1 of 2)

Take action to eliminate problematic or unnecessary plastic packaging:

A UK-wide consultation setting out proposals for packaging producer responsibility reform was launched on 18 February. The consultation seeks views on a number of approaches which have the potential to increase recycling rates and substantially reduce unnecessary and difficult to recycle packaging. We look forward to hearing the views expressed.

Encourage reuse models where relevant, to reduce the need for single-use plastic packaging and/or products:

Scotland has established an expert panel to consider how else we can tackle our throwaway culture. We have also recently agreed in principle to consider the use of charging in relation to disposable drinks cups and are committed to increasing the minimum amount of the single use carrier bag levy from 5p to a minimum of 10p at the earliest opportunity.

Incentivise the use of reusable, recyclable or compostable plastic packaging:

- Scotland is in the process of designing a deposit return scheme in order to improve the quantity and quality of recycled material and reduce littering. A consultation on our proposals closed in September 2018 and it is our intention to announce details of the final scheme design in the coming months.
- More generally, we are working to improve recycling rates, collaborating with the waste and packaging industries; reviewing the exemption from the requirement for food waste collections in rural areas; and learning from experiences abroad, including other deposit return schemes.

GOVERNMENT SIGNATORY

Scottish Government (2 of 2)

Increase collection, sorting, reuse and recycling rates, and facilitate the establishment of the necessary infrastructure and related funding mechanisms:

The Scottish Government, alongside local authorities, have developed a household recycling charter and a code of practice. These aim to bring more consistency to recycling services. Significant progress has been made in boosting recycling in recent years - we now recycle more than 60% of waste from all sources. Rates of recycling of household waste have been steadily increasing and the latest figures show that, for the first time, we recycled more household waste than we landfilled in 2017

Stimulate demand for recycled plastics:

We aim to match the EU ambition for all plastic packaging to be economically recyclable or reusable by 2030 and are supporting the UK Plastics Pact target of 30% average recycled content across all plastic packaging.

GOVERNMENT SIGNATORY

The Walloon Government (1 of 2)

Take action to eliminate problematic or unnecessary plastic packaging:

- The Walloon Government has banned single use plastic bags

Encourage reuse models where relevant, to reduce the need for single-use plastic packaging and/or products:

- Support SMEs financially to develop circular activities by helping them to characterize circular business models, which could be relevant for plastics material or alternatives

Incentivise the use of reusable, recyclable or compostable plastic packaging:

- The Walloon Government provides financial support and incentive to R&D project targeting the development of recyclable or compostable.
- Support the development of a biobased industry in Wallonia through a strategic paper, written with the private sector.
- Support SMEs financially to develop circular activities by helping them to characterize technical aspects linked to materials or R-D
- Support R&D projects or pilots plants that will enable to produce better quality recycled plastics

GOVERNMENT SIGNATORY

The Walloon Government (2 of 2)

Increase collection, sorting, reuse and recycling rates, and facilitate the establishment of the necessary infrastructure and related funding mechanisms:

- The Walloon government devotes a part of the Regional Investment Plan to support the creation and the implementation in our Region of collection, sorting and reuse facilities (€75 millions). It aims to encourage industrial actors in implementing solutions enabling to achieve the mentioned objectives. The call has been launched in February 2019.
- Support initiatives such as collaborative platforms and R&D project calls that will focus on defined technological axes (mechanical and chemical recycling but also biotechnologies) and that will target characterization, separation, depolymerisation, compounds and eco-conception

Stimulate demand for recycled plastics:

- The Walloon Government supports initiatives such as collaborative platforms to encourage industrial actors to incorporate recycled plastics in their products where possible

Additional commitments:

- The Walloon Government implements a regional “Green deal” approach specifically devoted to circular procurements, which could be relevant for plastics material or alternatives

C. ENDORSING SIGNARTORIES

NEW PLASTICS ECONOMY

Global Commitment

UN environment
United Nations Environment Programme

Endorsing signatory commitments

Endorsing signatories to the Global Commitment:

1. Endorse the Global Commitment's common vision
2. Commit to encourage others to join the Global Commitment [optional]
3. Make additional commitments in line with the vision [optional]

NGO or campaigning organisations

- Adrian Dominican Sisters, Portfolio Advisory Board
- As You Sow
- Business in the Community
- C40 Cities Climate Leadership Group
- Californians Against Waste
- Calouste Gulbenkian Foundation
- CEFLEX
- Circular Economy Japan
- Circular Economy Leadership Coalition
- Circular Sweden
- Circulo Verde
- Coast Impact Fund
- Congregation of St. Joseph
- Daughters of Charity, Province of St. Louise
- Earthwatch Institute
- ECOCE
- Elemental Impact
- Enviro Pride
- EPRO European Plastics Recycling and Recovery Organisation
- Exchange 4 Change Brasil
- Footprints Africa
- Recysol Foundation
- Fundacion Latinoamérica Verde
- GreenBiz Group Inc.
- GreenBlue and the Sustainable Packaging Coalition (SPC)
- GRID-Arendal
- Indonesian Waste Platform
- International Union for Conservation of Nature (IUCN)
- iWrc
- JAVA MOUNTAIN COFFEE
- Keep Scotland Beautiful
- KEEP SWEDEN TIDY
- Life Cycle Initiative
- London Waste and Recycling Board
- MERA - The Association for Sustainable Manufacturing
- Monterey Bay Aquarium
- National Recycling Coalition
- Oceanographic Institute, Prince Albert I of Monaco Foundation
- Openbare Vlaamse Afval Maatschappij OVAM
- Plant Based Products Council
- Plastic Collective
- Plastic Odyssey
- Prince Albert II of Monaco Foundation
- Rediscovery Centre
- rePurpose Global
- SAMBITO
- Shanghai Rendu Ocean NPO Development Center
- Sistema B International
- Sostenibilidad 3Rs&Es
- The Club of Rome
- The Eric and Wendy Schmidt Fund for Strategic Innovation
- The Global Environment Facility
- The Grameen Creative Lab
- The Green Earth
- The Ocean Race
- Think Beyond Plastic
- Water Unite
- World Economic Forum
- WRAP
- WWF
- π^3=Plastic Pollution Prevention
- Plastic Odyssey

Academics & educational or research organisations

- Afeka Institute of Circular Engineering and Economy
- Associação para as Ciências do Mar - APCM
- Atalay Atasu
- Bangor University
- Berkeley Center for Green Chemistry
- Bioproducts Discovery and Development Centre (BDDC), University of Guelph, Ontario, Canada
- Burberry Material Futures Research Group from the Royal College of Art
- CAPTURE
- Circular Economy Initiative at KTH Royal Institute of Technology (CE@KTH)
- Circular Economy Innovation Centre - USP
- College of Design and Innovation, Tongji University
- Department of Economics and Management - Dipartimento di Scienze Economiche e Aziendali, University of Pavia
- Dr Girma Zawdie
- Dr. Alysia Garmulewicz, Professor, Universidad de Santiago de Chile
- Dr. Carson Meredith
- ELISAVA Barcelona School of Design and Engineering
- Faculty of Management, Law and Social Sciences, University of Bradford
- High Speed Sustainable Manufacturing Institute (HSSMI)
- Insper Instituto de Ensino e Pesquisa
- Institut für Kunststofftechnik
- Institute for Integrated Quality Design (IQD), Johannes Kepler University Linz (JKU)
- Institute of Development Studies, University of Sussex
- Institute of Technology Tralee
- Instituto Italiano di Tecnologia
- Jane Penty
- Kiara S. Winans
- MARE - Marine and Environmental Sciences Centre [PORTUGAL]
- MIT Environmental Solutions Initiative
- Material BA-Z, Fine Arts Center University of São Paulo
- Michigan State University
- Netherlands Institute for Sustainable Packaging
- Ocean Plastic Solutions Network at Imperial College London
- Prof. Claudio Zara, Department of Finance, Bocconi University
- Prof. Richard C. Thompson OBE
- Professor Ioannis Ioannou
- Ramani Narayan, MSU University Distinguished Professor
- Ravensbourne University London - Fashion Department
- Robert Lochhead, Professor and Director Emeritus of Polymer Science
- Royal Society of Chemistry
- School of Management - Politecnico di Milano
- The Faculty of Entrepreneurship & Innovation - VIA University College
- The Finnish Innovation Fund SITRA
- The Institute for the Study of Science and Technology, National University of Quilmes (IESCT-UNQ) of Argentina
- The RSA
- UCL
- Universidade de Trás-os-Montes e Alto Douro
- Universiteit Gent
- University of Edinburgh
- University of Northumbria, Newcastle
- University of Portsmouth
- Warner Babcock Institute for Green Chemistry
- Ramani Narayan, MSU University Distinguished Professor
- Ravensbourne University London - Fashion Department
- Robert Lochhead, Professor and Director Emeritus of Polymer Science
- Royal Society of Chemistry
- School of Management - Politecnico di Milano

ENDORSING SIGNATORIES

Financial institutions

- actiam
- BMO Global Asset Management (EMEA)
- BNP Paribas Asset Management
- Boston Common Asset Management
- Brunel Pension Partnership Ltd
- Circularity Capital LLP
- Circulate Capital
- Clarmondial
- Core Capital Management LLC
- ESG Portfolio Management
- Etica Sgr - Responsible Investments
- European Investment Bank
- GES International AB
- Hermes EOS
- ING
- Kempen Capital Management
- Legal & General Investment Management
- Man Group
- Mercy Investment Services, Inc.
- NorthEdge Capital
- Rathbone Greenbank Investments
- Robeco
- Sarasin & Partners
- Trillium Asset Management
- Trilogy Global Advisors, LP
- Vert Asset Management

Industry associations

- A.I.S.E., International Association for Soaps, Detergents and Maintenance Products
- AGMPM (Association of the Greek Manufacturers of Packaging & Materials)
- ANIPAC
- APLM - Portuguese Marine Litter Association
- Asociación Nacional de la Industria Quimica A.C. (ANIQ)
- China Plastics Recycling Association of China Resource Recycling Association
- China Plastics Recycling and Reuse Association
- Cleaning and Hygiene Suppliers Association
- Corn Refiners Association
- European Recycling Industries' Confederation (EuRIC)
- Flexible Packaging Europe
- FoodDrinkEurope
- International Solid Waste Association - ISWA
- Plastics Recyclers Europe
- Reusable Packaging Association
- Smart Waste Portugal - Business Development Network
- Solid Waste Association of North America
- Sustainable Business Network
- Svensk Plastindustriförening (SPIF)
- The Association of Plastic Recyclers
- The Consumer Goods Forum

Consulting & professional services

- Arup
- Asia Pacific Waste Consultants (APWC)
- Jan Ravenstijn Biomaterials Consulting
- Kiduara
- Material Economics
- McDonough Innovation
- Nextek Ltd
- Oliver Wyman
- PA Consulting
- Quantis
- Searious Business
- South Pole

Other endorsing signatories

- Avespa
- bioMASON, Inc.
- CBPAK Tecnologia S/A
- Dignity Health
- Dragon Rouge Limited
- ECOGESTUS, Waste Management Ltd
- Ecosurety
- Excess Materials Exchange
- Granta Design
- Kagad Kach Patra Kashtakari Panchayat
- Loop Circular Economy Platform Ltd
- Mundane Matters Pty Ltd
- Noble Environmental Technologies Europe BV
- Okena Serviços Ambientais
- Open Systems Lab
- Plant Chicago
- Plastics Forming Enterprises, LLC
- Provenance
- SIRQLR
- Sky Group
- Skyroom London Ltd
- The Renewal Workshop
- Topolytics
- ZigZag Global